

CERTIFICATE FOR ORDER OR RESOLUTION

STATE OF TEXAS  
COUNTY OF FORT BEND

We, the undersigned officers of the Board of Directors of Grand Mission Municipal Utility District No. 1 of Fort Bend County, Texas (the "District"), hereby certify as follows:

1. The Board of Directors of the District convened in regular session on the 8th day of November, 2021, at the regular meeting place thereof, and the roll was called of the duly constituted officers and members of the Board, to-wit:

Maury J. Rubin	President
Darrell A. Hawthorne	Vice President
Judson Brown	Secretary/Treasurer
Syed Hasan	Assistant Secretary
Vicente M. Salazar III	Assistant Vice President and Assistant Secretary

and all of said persons were present, except for the following absentees: Vicente M. Salazar, thus constituting a quorum. Whereupon, among other business, the following was transacted at said meeting:

ORDER ADOPTING CONSOLIDATED RATE ORDER AND RULES AND REGULATIONS;  
ESTABLISHING DROUGHT CONTINGENCY PLAN; ESTABLISHING A WASTEWATER SERVICE  
ORDER; ESTABLISHING CERTAIN OTHER POLICIES; AND PROVIDING PENALTIES FOR  
VIOLATION THEREOF

was introduced for the consideration of the Board. It was then duly moved and seconded that the Order or Resolution be adopted, and, after due discussion, the motion, carrying with it the adoption of said Order or Resolution, prevailed and carried by the following vote:

AYES: All present

NOES:

2. That a true, full and correct copy of the aforesaid Order or Resolution adopted at the meeting described in the above and foregoing paragraph is attached to and follows this certificate; and that said Order or Resolution has been duly recorded in said Board's minutes of said meeting; that the persons named in the above and foregoing paragraph were duly chosen, qualified and acting officers and members of the Board as indicated therein, that each of the officers and members of said Board was duly and sufficiently notified officially and personally, in advance, to the holding of said meeting for such purpose; that said meeting was open to the public as required by law; that public notice of the time, place and subject of said meeting was given as required by the Texas Government Code, §551.043, as amended, and that the undersigned are the duly chosen, qualified and acting officers of the current Board of Directors.

SIGNED AND SEALED the 8th day of November, 2021

Secretary, Board of Directors  
(SEAL)



President, Board of Directors



D. "Equivalent Single-Family Connection" or ESFC- shall mean the amount of capacity allocated to a commercial customer expressed in terms of the amount of capacity used by a single-family residence, as determined by the volume and type of wastewater discharge. Prior to initial connection of any Customer other than a single-family residential Customer, the District's Engineer shall calculate the number of ESFCs for the first year. The determination for the first year may be based on the capacity requested on behalf of the Customer. Following the first year of service, or the next January following the initial connection, the District shall recalculate the number of ESFCs for such Customers based on actual usage. For purposes of this calculation, each 8,000 gallons of water used shall be considered to equal one (1) ESFC. The number of ESFCs will be rounded upwards to the nearest 8,000 gallons. For example, 31,000 gallons equals 4 ESFCs while 33,000 gallons equals 5 ESFCs. ESFCs shall be recalculated by the District annually in January of each year based upon actual usage for the prior year.

E. "Esplanade Connection" - shall mean a water system connection serving public right-of-way or other public common areas.

F. "Illicit Discharge" – shall mean any discharge to the District's storm sewer system that is not composed entirely of stormwater runoff. This includes illegal dumping or the unauthorized discarding of solid waste on District property.

G. "Multi-family Residential Connection" - shall mean all multiplex residential connections which are served by a master meter.

H. "Multi-family Units" - shall mean the individual dwelling units served through the Multi-family Residential Connection's master meter and shall include condominiums and all individual dwelling units served by a master meter.

I. "Non-taxable" - shall mean any entity not subject to property taxation pursuant to the provisions of the Texas Tax Code.

J. "Operator" - shall mean the person, company or corporation which is employed by or under contract with the District to operate the District's water and sewer system, collect amounts owed to the District for such services, report monthly to the District on the operations of the District's System and perform any additional services set out in its contract with the District.

K. "Rules and Regulations" - shall mean the Amended and Restated Rules and Regulations Governing Water and Sanitary Sewer Facilities, Service Lines, and Connections attached to this Order as Appendix "A" and incorporated herein for all purposes.

L. "Separate Connection" - shall mean each residential unit designed for occupancy by a separate family, including each separate unit located within a single multi-unit building, and each commercial unit designed for use by a separate business, including separate establishments within a single building.

M. "Single-family Residential" - shall mean any single-family structure within the District designed for occupation as a residence whether by the owner or by a renter or lessee, including any single-family residence, townhouse, multiplex, apartment building, or other structure generally considered to be and used solely for residential purposes and which is separately metered.

N. "System" - shall mean the water and/or sanitary sewer facilities of the District and all extensions and additions thereto, whether now in place or hereafter constructed.

## ARTICLE II TAP FEES AND CONNECTION POLICY

Section 2.01. Initiation of Water and Sanitary Sewer Connections. Each person desiring a water and sanitary sewer service connection to the District's System shall be required to pay such fees as set forth in this Order. No service shall be established or re-established until such fees are paid. All service connections are subject to the provisions of the District's Rules and Regulations and all other rules, regulations, and policies of the District.

Section 2.02. Requirement to Connect to the District's Systems. Unless otherwise approved in writing by the Board, and except for Park and Recreational Customer Connections and Irrigation Customer Connections, each structure within the District requiring water and/or sanitary sewer services shall be physically connected to the District's System as soon as the District has made water and sanitary sewer services available to such structure. It is the general policy of the District that all properties within the District shall be physically connected to both the water and sanitary sewer Systems of the District. In the event that both water and sanitary sewer services are not available to a property at the time a Customer Connection is applied for, the Board, after a determination, in its sole discretion, that an acceptable alternative water source or wastewater collection and treatment source is available to such property, may permit connection to the District's water System or sanitary sewer System without requiring connection to both Systems. Unless otherwise approved or agreed in writing by the Board, if both water and sanitary sewer services do not become available at the same time, and if the District permits connection to the water System or sanitary sewer System without requiring connection to both, the water connection must be made at the time water service becomes available, and the sanitary sewer connection must be made at the time sanitary sewer service becomes available.

Section 2.03. Policies Governing Initial Connections.

A. Certification of System. Connections shall not be made to the District's System or portions of the System until the District's engineer has certified that the System or applicable portion thereof is operable.

B. Availability of Access/Obstructions. By application for connection to the District's System, the Customer shall be deemed to be granting to the District and its representatives a right of ingress and egress to and from the meter or point of service for such installation, maintenance and repair as the District, in its judgment, may deem reasonably necessary. The Customer shall also be deemed to be granting to the District and its representatives a right of ingress and egress to the Customer's property, including the interior and exterior of the Customer's premises, for the purpose of performing the inspections and completing the Customer Service Inspection Certifications required by the District's Rules and Regulations. Taps and connections will not be made when, in the opinion of the District's engineer or Operator, the work area is obstructed by building materials or other debris or the work area is not completed or finished to grade. When sidewalks, driveways or other improvements have been constructed prior to application for service, such application shall be construed and accepted as the Customer's waiver of a claim for any damages to such improvements resulting from the reasonable actions of the District's Operator in installation of the connection.

Section 2.04. Connections by District Operator. All connections to the District's sewer system shall be made in accordance with the District's Rules and Regulations. No person except the District's Operator or his authorized agent shall be permitted to tap or make any connection to the mains or distribution piping of the District's water system, except for emergency fire-fighting purposes, or make any repairs or additions to or alterations in any meter, box, tap, pipe, cock or other fixture connected with the water service.

Section 2.05. Inspections and Fees.

A. Sewer Inspection and Fees. Sewer connections and house service lines shall be inspected by the District's Operator for compliance with the Rules and Regulations. An inspection fee of \$50.00 shall be charged for all Single-family Residential connections and the District's cost plus 200% for all commercial connections. Installations which fail to conform at any time to the Rules and Regulations shall be disconnected. Any Customer whose connection is disconnected for such failure shall be notified as to the basis for such disconnection. After noted deficiencies have been corrected, a re-inspection shall be made upon payment to the District of a re-inspection fee equal to the initial inspection fees.

B. Customer Service Inspection Fees. If the District's Operator performs the inspection and completes the Customer Service Inspection Certification required by Article III of the Rules and Regulations, the District shall charge the Customer a fee of \$50.00 for single-family residential connections and the District's cost plus 200% for commercial connections, to cover the costs of such inspection and certification.

C. Plan Review Fees. Prior to the making of any commercial connection, the plans for all internal lines shall be presented to the District's Engineer for review as to compliance with the District's regulations and compatibility with the District's water, sewer, and drainage system. There shall be a minimum charge to the entity requesting the connection of \$300.00 for such review.

D. Pre-Construction Inspection and Fees. A builder must contact the Operator, prior to starting any work on a lot, to do an inspection to verify District facilities. If any District facility is either damaged or cannot be located, the Operator will make necessary repairs or locate and make visible the equipment at the expense of the District. A copy of the inspection will be given to the builder's representative. After the inspection and any necessary work is completed, the builder will then be responsible for paying the costs of all damages, adjustments, relocations, and repairs found during the Final Builder Inspection. The cost for the inspection is \$50.00 for Residential connections and the District's cost plus 200% for commercial connections, payable with the tap fee.

Construction drawings shall be submitted to the District Engineer for review prior to the commencement of any new development and redevelopment construction projects which disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale that would disturb one acre or more within the District. The District Engineer will approve the construction drawings if proper erosion control devices are scheduled to be implemented in accordance with the "Construction Site and Post-Construction Runoff Controls Storm Water Permit and Storm Water Quality Plan Guidelines - Fort Bend County," excluding Section 1, as Amended. A document will be provided to the builder's or contractor's representative acknowledging the approval of the construction drawings by the District Engineer.

After approval is granted from the District Engineer on the construction drawings, Construction Site Inspections will be required. The Construction Site Inspection will be conducted by a representative of the District prior to the commencement of construction activities (the "Inspector"). The Inspector will evaluate the construction site to ensure all erosion control devices are properly installed and the contractor is adhering to the minimum requirements outlined in the approved construction

drawings. After the construction site is approved by the Inspector, the builder or contractor for the property owners may begin construction activities. A document will be provided to the builder's or contractor's representative acknowledging the approval of the construction site inspection.

E. Final Builder Inspection and Fees. Upon receipt of instruction from a builder to transfer an account to an initial Customer, the District's Operator shall make a final inspection of the property and make note of the condition of all District facilities. The District's Operator will repair any damaged District facilities, and the builder will be held responsible for all costs incurred. A fee of \$50.00 for Residential connections and the District's cost plus 200% for commercial connections shall be charged by the District to cover the cost of such inspection and will be collected at the time the tap fee is paid.

A Post-Construction Inspection is required on all previously approved and inspected construction sites. The Post-Construction Site Inspection will be conducted by a representative of the District to evaluate the long term functionality of the temporary and permanent storm water erosion control devices. A document will be provided to the builder's or contractor's representative acknowledging the approval of the Post-Construction Site Inspection.

F. Backflow Prevention Assembly Inspection and Fees. Backflow prevention assemblies shall be installed on any connection which poses a health hazard and any other connection which the District or the District's Operator reasonably believes poses a threat to the District's Water Supply System as set forth in Section 3.06 of the Rules and Regulations. Where annual inspections of such assemblies are required, there shall be an administrative fee of \$100.00 annually per assembly to the Customer.

G. Grease Interceptor Inspection and Fees. Where grease interceptors are required on commercial connections, the District's Operator shall inspect the initial installation for a fee of \$50.00 per inspection until the installation is acceptable. The Operator shall inspect such devices on a monthly basis, and the Customers shall be billed \$50.00 for such inspection. Failure to pay the inspection fee shall be deemed cause for termination as set forth in this Rate Order.

H. Commercial Waste Permit and Fees. Special Waste Permits will be required for certain non-residential users of the District's wastewater system. Every commercial entity of the District will be required to pay a permit fee of \$10.00 per month for the first year and then \$5.00 per month thereafter. This fee covers only the cost of processing the permit application and renewal and making the required inspections as set forth in the District's Amended and Restated Rules and

Regulations Concerning Residential and Nonresidential Wastes and the exhibits thereto, attached hereto.

I. Compliance with TPDES General Permit No. TXR150000. The builder and developer, respectively known as the Construction Site Operator, are required to be compliant with TPDES General Permit No. TXR150000 issued by the Texas Commission on Environmental Quality (the "Commission"). All new development and redevelopment construction projects which disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale that would disturb one acre or more, are required to abide by the permit. A storm water pollution prevention plan (SWPPP) with a descriptive narrative of the project, a site plan, and proposed Best Management Practices (BMPs), as such term is defined in the General Permit, must be prepared at least seven (7) days prior to commencement of soil disturbing activities. A Notice of Intent (NOI), as such term is defined in the General Permit, must be submitted by the Construction Site Operator to the Commission at least seven (7) days prior to commencement of soil disturbing activities, or as required by the General Permit. The Construction Site Operator will be responsible for the required General Permit inspections by qualified personnel and the implementation and regular maintenance of all BMPs listed in the SWPPP as required under the General Permit.

The Construction Site Operator is responsible for the management, implementation, SWPPP compliance, and compliance with all of their subcontractors, trades, suppliers, and agents.

(1) Erosion control devices shall be maintained in place at all times during construction activities. Contractors shall control all waste at the construction site such as discarded building materials, concrete truck washout water, chemicals, litter, and sanitary waste that may cause adverse impacts to water quality.

(2) Prior to the completion of any approved construction activity, the Contractor must address post construction runoff. Erosion control devices shall be installed and maintained upon completion, where all construction debris and rubbish shall be removed from the site, and any damage to the District's facilities shall be repaired at the expense of the developer, builder, or homeowner constructing the improvements. The Contractor is responsible for ensuring all erosion control devices and non-structural controls function properly so illicit discharges do not enter into the storm sewer system. All erosion control devices and non-structural controls must be satisfactory to the Districts standards.

Failure of the Construction Site Operator to comply with these Construction Site Operator responsibilities will be considered a violation of this Rate Order. If such a violation occurs, or if the District determines the existence of a serious threat to the



integrity of the District's surface waters, the District, in its sole option, may, in addition to all other legal remedies available to it, including those remedies set out in this Rate Order, immediately terminate service or, at the Construction Site Operator's sole cost and expense, install or repair the BMPs necessary to correct the cause of the Notice of Violation. If the District terminates service in order to preserve the integrity of the District's surface waters, service will be restored only when the source of the potential contamination no longer exists or until additional safeguards have been taken and all fines/penalties have been resolved. Any and all expenses associated with the enforcement of this Section shall be billed to the Construction Site Operator. Violations of these regulations of the District will be subject to the penalties as outlined below:

- |     |  |                           |
|-----|--|---------------------------|
| (1) | Failure to obtain permit coverage under TXR150000:           | \$ 1,000 Fine*            |
| (2) | Failure to prepare a SWPPP as required under TXR150000:      | \$ 500 Fine*              |
| (3) | Notice of Violation for failure to install or maintain BMPs: | \$ 100 Fine per incident* |

The District reserves the right to charge the Construction Site Operator for any and all expenses incurred while correcting the deficiencies listed in the Notice of Violation.

J. Construction within the District. Prior to the construction of any improvements within the District, proper erosion control devices shall be designed, installed, and maintained in accordance with "Construction Site and Post-Construction Runoff Controls Storm Water Permit and Storm Water Quality Plan Guidelines - Fort Bend County," excluding Section 1, as Amended.

Section 2.06. Builder's Deposit. A deposit shall be required of builders in the amount of \$2,500.00 at the time a request for a water tap is made. This deposit shall be refunded within 30 days after the approval by the District's Operator of the sanitary sewer and storm sewer connections and after completion of any repairs that might be required, but shall be forfeited as a penalty in the event any provision of this Order or the District's Rules and Regulations is violated. The District shall deduct from the deposit the cost to repair any damage caused to the District's property by the builder or the builder's employees, contractors, subcontractors or agents and shall deduct any delinquent water and sewer service bills of the builder. In the event any amounts are so deducted from the builder's deposit, it will be incumbent on the builder to reinstate the original amount of the deposit, and failure to do so will result in the suspension of any additional water taps for the builder.

Section 2.07. Temporary Water Service.

A. Temporary Connections. The District's Operator shall be authorized to make a temporary connection to any fire hydrant or flushing valve upon request for temporary water service. All temporary service shall be metered and billed to the temporary Customer as provided herein. All unauthorized withdrawal of water from flushing valves, fire hydrants, or other appurtenances of the District's System without prior approval of the District, except for emergency fire-fighting purposes, is prohibited.

B. Fees and Rates. The rates for the sale of water for each temporary water service connection shall be the same as the rates for commercial connections.

Section 2.08. Service to Out-of-District Customers. All requests for water and sewer service from parties located outside the boundaries of the District shall be considered on a case by case basis and governed by separate agreement.

Section 2.09. Water Taps. The following charges for the tap of water lines shall be in effect within the District from and after the effective date hereof until amended by the Board of the District:

- |    |   |  |                        |
|----|---|--|------------------------|
| a. | Residential taps:                                   | 5/8" x 3/4"<br>1"  | \$975.00<br>\$1,150.00 |
| b. | Commercial<br>(all over 1"):                        | the District's cost plus 200%  |                        |
| c. | Non-taxable:  | the actual cost to the District, including the costs of all facilities necessary to provide District services to such non-taxable entity where such facilities are financed or to be financed by tax-supported bonds of the District |                        |
| d. | Taps in esplanades<br>(for community associations): | the District's cost  |                        |

Section 2.10. Title to Facilities. Title to all water meters, water and sewer taps, and all other appurtenances, including meter boxes, shall lie in the District.

**ARTICLE III  
SERVICE RATES**

**Section 3.01. Water Service Rates.** The following monthly rates for the sale of water shall be in effect for each Separate Connection within the District from the effective date

TYPE OF CONNECTION	GALLONS USED	RATE
A. Builder	0 - 8,000 gallons	\$15.00 (minimum)
	8,001 gallons - 15,000	\$1.00 per 1,000 gallons
	15,001 gallons - 30,000	\$1.50 per 1,000 gallons
	30,001 and thereafter	\$2.00 per 1,000 gallons
B. Residential	0 - 8,000 gallons	\$21.50 (minimum)
	8,001 gallons - 15,000	\$1.00 per 1,000 gallons
	15,001 gallons - 30,000	\$1.50 per 1,000 gallons
	30,001 and thereafter	\$2.00 per 1,000 gallons
C. Community Associations	0 - 5,000 gallons	\$5.00 (minimum)
	5,001 and thereafter	\$0.75 per 1,000 gallons
D. Commercial (all other) per equivalent single-family connection	0 - 8,000 gallons	\$21.50 (minimum) per EFSC
	8,001 gallons - 15,000	\$1.00 per 1,000 gallons
	15,001 gallons - 30,000	\$1.50 per 1,000 gallons
	30,001 and thereafter	\$2.00 per 1,000 gallons
E. Non-Taxable	Billed at two times the Commercial Rate	

hereof until such time as the Board of Directors amends said rates:

**Section 3.02. Sewer Service Rates.** The following monthly rates for the collection and disposal of sewage shall be in effect for each Separate Connection within the District from the effective date hereof until such time as the Board amends said rates:

TYPE OF CONNECTION	GALLONS USED	RATE
A. Builder	Flat Rate	\$15.50
B. Residential	Flat Rate	\$25.00
C. Community Associations	Flat Rate	15.00
D. Commercial	0-8,000 gallons	\$21.50 per ESFC

(all other) per equivalent single-family connection      8,001 and thereafter      \$1.00 per 1,000 gallons

E. Non-Taxable      Billed at two times the Commercial Rate

Section 3.03. Regulatory Assessment. Pursuant to Section 5.235, Texas Water Code, as amended and 30 Texas Administrative Code Section 291.76, as amended, the District shall pay a regulatory assessment to the Texas Commission on Environmental Quality (the "Commission") by January 30 of each year in the amount required by law on

the total charges for retail water and sewer service collected from its customers in the prior twelve months. The Operator shall list the regulatory assessment on the Customer's bill as a separate line item and shall collect the regulatory assessment in addition to other charges. Failure by a Customer to pay the regulatory assessment shall result in the termination of water and sewer service in accordance with the provisions of this Rate Order.

At the end of each calendar year, the Operator shall prepare a written statement indicating (i) the total charges collected for retail water and sewer service for the year and (ii) the regulatory assessment due and payable to the Commission. The Operator shall deliver the written statement to the District's Bookkeeper for payment.

Section 3.04. North Fort Bend Water Authority Assessment Pursuant to Senate Bill 1798 of the 77th Legislature creating the North Fort Bend Water Authority (the "Water Authority") and to the Order Establishing Groundwater Reduction Plan Fee adopted by the Water Authority, as amended from time to time, the District shall pay a fee monthly to the Water Authority in the amount required by the Water Authority based on the total pumpage measured at the District's water wells and the total amount of water supplied to the District by the Water Authority.

The District hereby assesses a charge equal to the surface water rate charged by the Water Authority, plus 10%, per 1,000 gallons of metered water usage (the "NFBWA fee") to every customer of the District. The Operator shall list the NFBWA fee on the Customer's bill as a separate line item and shall collect the NFBWA fee in addition to other charges. Failure by a Customer to pay the NFBWA fee shall result in the termination of water and sewer service in accordance with the provisions of this Rate Order.

At the end of each month, the Operator shall prepare a written statement indicating the total pumpage at the District's water wells, the total amount supplied by the Water

Authority, and the amount due to the Water Authority. The Operator shall deliver the written statement to the District's Bookkeeper for payment.

Section 3.05. No Reduced Rates or Free Service. All Customers receiving water and/or sewer service from the District shall be subject to the provisions of this Order and shall be charged the rates established in this Order, and no reduced rate or free service shall be furnished to any Customer; provided, however, this provision shall not prohibit the District from establishing reasonable classifications of customers for which rates differing from the rates stated herein may be adopted.

#### ARTICLE IV SERVICE POLICY

Section 4.01. Transfer Fees and Security Deposits. Transfer Fees and security deposits shall be required as follows:

A. Transfer Fees. A fee of \$30.00 shall be charged by the District to cover the expense to the District for the transfer of water and sewer service from the builder of any unit to its initial occupant and a fee of \$30.00 will be charged by the District to cover expense to the District for the transfer of water and sewer service to each subsequent Customer at any unit. This fee shall cover the establishment of an account to provide service to the new Customer and shall be paid prior to initiation of service.

B. Customer Service Agreement. Each Customer establishing service must sign a Customer Service Agreement and provide any identification and documentation required by the District in connection therewith.

C. Residential Deposits. Each Customer establishing a new account for single-family residential service shall be required to pay a security deposit of \$125.00 to the District for providing service or restoring service. Each Customer re-establishing an account for single-family residential service that has been terminated for non-payment shall be required to pay a \$125.00 deposit before service is restored; this \$125.00 is in addition to any other deposit that may have been paid. The maximum deposit that a residential customer shall be required to have on deposit is \$500.00 (the initial deposit plus three additional deposits after termination of services for delinquent payments).

D. Commercial Deposits. Each Customer establishing a commercial account or multi-family residential account, and each Customer re-establishing a commercial account or multi-family residential account that has been terminated for non-payment, shall be required to make a security deposit equal to two (2) times the

estimated average monthly bill for such connection, as determined by the District based on typical requirements for similar uses.

E. Full Payment Required. Service shall be initiated upon payment of the security deposit and all other fees and charges provided, however, that the deposit and transfer fee for a new account may be billed with the first billing for water and sewer services.

F. Refund of Deposit. Following payment of the final bill and payment of all fees and charges, the balance of the security deposit, if any, shall be refunded by check mailed to the Customer. No interest shall be payable to the Customer on any security deposit.

Section 4.02. Billing Procedures. All accounts shall be billed in accordance with the following procedures:

A. Due Date and Delinquency. Payment shall be due on or before the due date shown on the bill. After such date, a late charge of ten percent (10%) will be assessed on the unpaid balance on the water and sewer bill. All accounts not paid by the due date shall be deemed delinquent and failure to make payment within thirty (30) days thereafter may result in the termination of water and sewer service.

B. Notice and Appeal. Prior to termination of service, a Customer who is delinquent in payment shall be sent a notice that service will be discontinued unless payment in full is received. Notice shall be sent by first class United States mail and will provide the Customer with an opportunity to appear in person or by written correspondence at a scheduled meeting of the Board of the District to contest, explain, or correct the charges, services, or disconnection. The notice shall inform the Customer of the amount of the delinquent bill, the date service will be disconnected if payment is not made, and of the right to contest, explain, or correct the charges, services, or disconnection. In the event that such notice must be sent to a Customer, a charge of \$8.00 shall be added to the Customer's bill to cover the District's cost of handling.

Service shall not be disconnected where a Customer has informed the District or the District's Operator of his or her desire to contest or explain his bill. If the Customer appears before the Board, in person or by written correspondence, the Board shall hear and consider the matter and inform the Customer of the Board's determination by sending written notice to the Customer by first class United States mail stating whether service will be continued or disconnected. If service is discontinued, it shall be reinstated only upon payment in full of all amounts due, including any late charges, the security deposit set out in Section 4.01, and a reinstatement charge of \$50.00. If it becomes necessary for the District's Operator

to remove a Customer's water meter to stop the unauthorized use of the District's water, or if a Customer damages a water meter, there shall be a \$50.00 replacement fee plus the cost of the damage charged to the user.

C. Returned Checks. A \$30.00 charge will be charged to the Customer's account for any check returned by the bank. Any amounts due on an account which have been paid with a check that has been returned by the bank must be paid in full by cash, cashier's check or money order, including all late charges and returned check charges, within five (5) days from the day the Operator hangs a notice on the Customer's door or otherwise notifies the Customer that the check has been returned by the bank.

Section 4.03. Entitlement. Customers are not guaranteed a specific quantity or pressure of water or specific capacity in sewer facilities for any purpose whatsoever; furthermore, in no instance shall the District be liable for failure or refusal to furnish water or any particular amount or pressure of water or to provide capacity in sewer facilities.

Section 4.04. Unauthorized and Extraordinary Waste. The rates established herein are applicable for Domestic Waste as defined herein. Customers proposing to generate other types of waste will be assessed additional charges as established by the District.

Section 4.05. Damage to District Facilities.

A. Damage to Meter and Appurtenances. No person other than a duly authorized agent of the District shall open a meter box, tamper with or in any way interfere with a meter, meter box, service line or other water and/or sewer system appurtenance. The District reserves the right, immediately and without notice, to remove the meter or disconnect water service to any Customer whose meter has been tampered with and to assess repair charges to the Customer, plus 200%.

B. Right to Repair. The District reserves the right to repair any damage to the District's System and appurtenances without prior notice and to assess against any Customer such penalties as are provided by law and such penalties provided for in this Rate Order in addition to those charges necessary to repair the portion of the System so damaged.

Section 4.06. Unauthorized Service. Unauthorized service from the District's water and sewer system is hereby prohibited. Any unauthorized service shall result in penalties as set forth in Article VIII of this Rate Order. In addition, any costs incurred by the District in terminating said unauthorized service, including the removals of the materials used in making the unauthorized connection, will be added to the penalty. No service shall be provided by the District until the entire amount of the fine, legal fees, and costs incurred by the District and all regular fees for service connection are tendered. Unauthorized service

is that obtained without the District's prior approval, inspection, or installation of a water meter.

Section 4.07. Uncorrected Leaks From Customers' Lines. To prevent health problems, safety problems, and/or unwarranted loss of water, the District's Operator shall have the authority to notify the Customer to make repairs of any leaks on Customer lines allowing unchecked flow of water. Notice shall be posted on the Customer's door. Except in situations deemed by the Board of Directors to be emergencies, the customer shall have seven (7) days to correct the leak. The notice shall inform the Customer of a number at which he can contact the Operator to protest the requirement, and the Operator shall review any such protests with at least one member of the Board of Directors of the District. If the Customer has not repaired the leak after seven days, and if the Customer has not requested and received an extension to the deadline, then services to the Customer shall be terminated. Services terminated under this section shall not be restored until the leak(s) have been fixed and all applicable fees have been paid.

ARTICLE V  
ADOPTION OF RULES AND REGULATIONS CONCERNING  
WATERWORKS AND SANITARY SEWER SYSTEM

To preserve the sanitary condition of all water controlled by the District, to prevent waste or the unauthorized use of water controlled by the District, and to secure and maintain safe, sanitary and adequate plumbing installation, connections and appurtenances, the Board of the District hereby adopts the Amended and Restated Rules and Regulations Governing Water and Sanitary Sewer Facilities, Service Lines, and Connections attached hereto as Appendix "A" and incorporated herein for all purposes.

ARTICLE VI  
WATER CONSERVATION, DROUGHT, AND EMERGENCY  
CONTINGENCY PLAN

The Board of the District hereby adopts the Water Conservation, Drought, and Emergency Contingency Plan attached hereto as Appendix "B" and incorporated herein for all purposes.

ARTICLE VII  
ORDER ESTABLISHING RULES AND REGULATIONS CONCERNING  
RESIDENTIAL AND NONRESIDENTIAL WASTES

The Board of the District hereby adopts the Amended and Restated Rules and Regulations Concerning Residential and Nonresidential Wastes, attached hereto as Appendix "C" and incorporated herein for all purposes.



ARTICLE VIII  
ENFORCEMENT/CIVIL PENALTIES

Section 8.01. Enforcement.

A. Civil Penalties. The Board hereby imposes the following civil penalties for breach of any rule of the District: The violator shall pay the District twice the costs the District has sustained due to the violation up to \$5,000. A penalty under this Section is in addition to any other penalty provided by the laws of this State and may be enforced by complaints filed in the appropriate court of jurisdiction in the county in which the District's principal office or meeting place is located. If the District prevails in any suit to enforce its rules, it may, in the same action, recover any reasonable fees for attorneys, expert witnesses, and other costs incurred by the District before the court. The amount of the attorneys' fees shall be fixed by the court.

B. Liability for Costs. Any person violating any of the provisions of this Order and/or the Rules and Regulations Governing Water and Sanitary Sewer Facilities, Service Lines, and Connections shall become liable to the District for any expense, loss or damage occasioned by the District by reason of such violation, and enforcement thereof shall be in accordance with Section 8.01(A) of this Order and Article X of the Rules and Regulations.

Section 8.02. Non-waiver. The failure on the part of the District to enforce any section, clause, sentence, or provision of this Order shall not constitute a waiver of the right of the District later to enforce any section, clause, sentence, or provision of this Order.

Section 8.03. Appeal. Any determination by the District's Operator or the District's engineer or any authorized agent of the District of any dispute regarding the terms and provisions of this Order may be appealed to the Board of the District, which shall conduct a hearing on the matter. The District's Operator and/or attorney shall provide the Customer with information regarding appeals and hearing procedures upon the Customer's request.

## ARTICLE IX SOLID WASTE

The District may contract with an independent contractor to provide for solid waste and trash collection within the District. If the Board of the District determines that it is in the best interest of the District to contract for solid waste and trash collection, the fee for such service, as established by contract, shall be included on the water and sewer service bill. Failure to pay the solid waste and trash collection service on or before the due date indicated on the water and sewer service bill shall result in the assessment of a 10% penalty on the unpaid balance of the bill for solid waste and trash collection as well as termination of service under the provisions of Article IV this Order.

## ARTICLE X STORM SEWER

Section 10.01 Storm Sewer. For the purpose of providing drainage capacity and services to drain the land located within its boundaries, the District has constructed, maintained, owns, and operates the internal drainage ditches, detention ponds, and the storm sewer system. Pursuant to Title 40, Part 122 of the Code of Federal Regulations, the District adheres to the storm water regulatory provisions, as referenced in the National Pollutant Discharge Elimination System (NPDES) and Sections 318, 402, 405 of the Clean Water Act. The District is regulated by the Texas Pollutant Discharge Elimination System (TPDES) through General Permit No. TXR040000. The General Permit upholds all federal regulations through the implementation of the Storm Water Management Program (SWMP). The Texas Commission on Environmental Quality (the "Commission") monitors the Best Management Practices (BMPs) outlined in the SWMP to ensure the District adequately administers all program elements and prevents illicit discharges from entering into the Municipal Separate Storm Sewer System (MS4).

Section 10.02 Illicit Discharge. The use of the District's Storm Sewer System is solely limited to storm water. No unauthorized materials such as liquids, solids, grass, pet waste, or yard clippings, trash, construction materials, oils or grease, shall be introduced into the District's storm sewer system. Only runoff entirely composed of storm water or certain allowable non-storm water shall be discharged into the storm sewer system. The following non-storm water sources may be discharged from the MS4:

- a) water line flushing (excluding discharges of hyper-chlorinated water, unless the water is first de-chlorinated and discharges are not expected to adversely affect aquatic life);
- b) runoff or return flow from landscape irrigation, lawn irrigation, and other irrigation utilizing potable water, groundwater, or surface water sources;

- c) discharges from potable water sources that do not violate Texas Surface Water Quality Standards;
- d) diverted stream flows;
- e) rising ground waters and springs;
- f) uncontaminated ground water infiltration;
- g) uncontaminated pumped ground water;
- h) foundation and footing drains;
- i) air conditioning condensation;
- j) water from crawl space pumps;
- k) individual residential vehicle washing;
- l) flows from wetlands and riparian habitats;
- m) de-chlorinated swimming pool discharges;
- n) street wash water, excluding street sweeper wastewater;
- o) discharges or flows from emergency firefighting activities (firefighting activities do not include washing of trucks, run-off water from training activities, test water from fire suppression systems, and similar activities);
- p) other allowable non-storm water discharges listed in 40 CFR § 122.26(d)(2)(iv)(B)(1);
- q) non-storm water discharges that are specifically listed in the TPDES Multi Sector General Permit (MSGP) or the TPDES Construction General permit (CGP);
- r) discharges that are authorized by a TPDES or NPDES permit or that are not required to be permitted; and
- rs) other similar occasional incidental non-storm water discharges, such as spray park water, unless the Commission develops permits or regulations addressing these discharges.

Section 10.03 Detection and Elimination. All Storm Sewer Users shall allow their property and/or the property under their control to be inspected by the District's consultants during normal business hours for possible illicit connections to the District's storm sewer system and other unacceptable discharges to the District's storm sewer system which violate this Rate Order. The District's consultants may perform random testing and/or inspections when the District has reason to believe that an illicit connection to the District's storm sewer system exists or that an illicit discharge to the District's storm sewer system is occurring. The District will determine through the inspection whether the illicit discharge may pose a serious threat to the integrity of the District's storm sewer system. A Notice of Violation will be issued to the Storm Sewer User responsible for the illicit discharge. Anyone who disposes unauthorized materials prohibited under regulations implemented pursuant to the Federal Water Pollution Control Act or any state equivalent act or that might potentially impede the free flow of storm water runoff to the

Drainage Facilities or the District's Right-of-Way and Easements will be responsible for (1) removing such unauthorized materials and restoring the Drainage Facilities to their prior condition or (2) reimbursing the District for all costs of the removal and restoration if the District opts, at its sole discretion, to perform such work. In addition to or in place of the foregoing, the District may assess a penalty against the violation or disconnect the User's water service to collect such penalty for such violation under the Section 10 of this Order.

Section 10.04 Failure to Comply and Penalty for Violation. It shall be a violation of this Rate Order to introduce unauthorized materials into the District's storm sewer system, or to damage the District's storm sewer system in any manner. Property owners are responsible for adequately maintaining the storm water structural controls they own and operate, while ensuring unauthorized materials do not enter into the District's storm sewer system. The District reserves the right to assess such penalties as provided in this Order to any person, corporation, or other entity which makes such unauthorized use of, or causes any damage to, the District's storm sewer system. The failure of a Storm Sewer User to comply with these Storm Sewer User Responsibilities will be considered a violation of this Rate Order and will subject the User to penalties as outlined below:

Notice of Violation for Illicit Discharge  
to District Facilities:

\$ 500 Fine per incident\*

\*The District reserves the right to charge the Storm Sewer User for any and all expenses incurred while correcting the deficiencies listed in the Notice of Violation.

ARTICLE X1  
MISCELLANEOUS

Section 11.01. Amendments. The Board of the District has and specifically reserves the right to change, alter or amend any rate or provision of this Order at any time.

Section 11.02. Severability. The provisions of this Order are severable, and if any provision or part of this Order or the application thereof to any person or circumstance shall ever be held by any court of competent jurisdiction to be invalid or unconstitutional for any reason, the remainder of this Order and application of such provision or part of this Order shall not be affected thereby.

Section 11.03. Headings. The section and paragraph headings used herein are for reference only and are not to be construed as part of the text of the section or paragraph.

ARTICLE XII  
EFFECTIVE DATE

This Order shall be effective upon adoption.

The President or Vice President is authorized to execute and the Secretary or any Assistant Secretary is authorized to attest this Order on behalf of the Board and to do all things necessary and proper to carry out the purpose and intent hereof.

PASSED, ADOPTED, ORDERED and APPROVED as of the 8th day of November, 2021.

/s/ Maury J. Rubin  
President  
Board of Directors

ATTEST:

/s/ Judson Brown  
Secretary  
Board of Directors

(DISTRICT SEAL)

APPENDIX "A" - Amended and Restated Rules and Regulations Governing Water and Sanitary Sewer Facilities, Service Lines, and Connections

- Exhibit 1 - Plumber's Certificate
- Exhibit 2 - Service Inspection Certification
- Exhibit 3 - Backflow Prevention Assembly Test and Maintenance Report
- Exhibit 4 - Customer Service Agreement
- Exhibit 5 - Application for Service
- Exhibit 6 - Sanitary Sewer Inspection Form

APPENDIX "B" - Drought Contingency Plan

- Exhibit 1 - Notice to Customers regarding Drought Contingency Stage 1
- Exhibit 2 - Notice to Customers regarding Drought Contingency Stage 2
- Exhibit 3 - Notice to Customers regarding Drought Contingency Stage 3
- Exhibit 4 - Citation regarding Violation of Water Use Restrictions
- Exhibit 5 - Citation to Customer regarding Second Violation and Termination of Services
- Exhibit 6 - Notice to Customer of End of Water Use Restrictions

APPENDIX "C" - Amended and Restated Rules and Regulations Concerning Residential and Nonresidential Wastes

- Exhibit 1 - Discharge Limitations and Monitoring Requirements, Collection System Discharge, Liquid Waste
- Exhibit 2 - Regional Monitoring Program/Enforcement Response Plan



E. "Operator" - shall mean the person, company or corporation which is under contract with the District to operate the District's Water Supply System and Sanitary Sewer Collection System, collect amounts owed to the District for such services, report monthly to the District on the operations of the District's Water Supply System and Sanitary Sewer Collection System and perform any additional services as set forth in the contract with the District.

F. "Rate Order" - shall mean the District's Order Adopting Consolidated Rate Order and Rules and Regulations; Establishing Drought Contingency Plan; Establishing a Wastewater Service Order; Establishing Certain Other Policies; and Providing Penalties for Violation Thereof which may be amended from time to time.

G. "Sanitary Sewer Collection System" - shall mean the underground sanitary sewer lines owned or leased and operated by the District. This system is composed of all interconnecting laterals, mains, and trunk lines with manholes, clean-outs, stacks, tees, and wyes located within the publicly dedicated utility easements owned or leased and operated by the District. This system is maintained by the District.

H. "Sanitary Sewer Service Line" - shall mean any line from a residential dwelling or commercial building which connects with the District's Sanitary Sewer Collection System, including any grease traps or other facilities constructed to prevent non-domestic waste from being introduced into the District's Sanitary Sewer Collection System. This service line is owned and maintained by the property owner of the residential dwelling or commercial building.

I. "Sewer Tap" - shall mean the physical connection between the Sanitary Sewer Service Line and the District's Sanitary Sewer Collection System.

J. "Sewer Tap Inspection" - shall mean the inspection performed by the District's Operator to assure that the proper materials and connections to the Sanitary Sewer Collection System have been accomplished in accordance with these Rules and Regulations.

K. "State Approved Plumbing Code" - shall mean a set of rules governing plumbing practices which are at least as stringent and comprehensive as one of the following nationally recognized codes:

1. Southern Standard Plumbing Code.
2. Uniform Plumbing Code.
3. National Standard Plumbing Code.



L. "Tap Fee" - shall mean the fee paid to the District to obtain a water meter and sewer inspection for any dwelling. The amount of the Tap Fee shall be established in the District's Rate Order and may be modified or changed at any time.

M. "Utility Easement" - shall mean an interest in land, granted by dedication, to public utility entities, including the District, to install and maintain utilities across, over, or under private land together with the right to enter thereon with machinery, other vehicles and personnel necessary for the maintenance, repair or construction of said utilities.

N. "Water Supply System" - shall mean composed of all water lines, valves, valve boxes, flushing valves, blowoff valves, water meters, water meter service lines, and meter boxes located within public rights-of-way or easements owned or leased and operated by the District. This system is maintained by the District.

O. "Water Meter" - shall mean the recording device that registers the amounts of water consumed by each Customer of the District. This meter is owned and maintained by the District.

P. "Water Service Line" - shall mean any line from a residential dwelling or commercial building, which connects to the District's Water Supply System. This service line is owned and maintained by the property owner of the residential dwelling or commercial structure.

Q. "Water Tap" - shall mean the physical connection of any Water Service Line to the District's Water Supply System. Such connection will be made only by the District's Operator.

Section 2.02. Platting Requirement.

No connection shall be made to the District's Water Supply System or Sanitary Sewer Collection System unless the tract, parcel, or lot of land to be served by such connection:

A. was first connected to the District's Water Supply System or Sanitary Sewer Collection System prior to September 1, 1987, or

B. is part of an area covered by a development plat duly approved and recorded pursuant to Sections 212.0115 and 212.012 of the Local Government Code, as amended, or

C. is not required to be platted and written certification to that effect, in accordance with Section 212.0115(e), has been presented to the District's Operator.

Section 2.03. Approval of Plans and Specifications.

Prior to any non-residential connection to the District's Water Supply System or the Sanitary Sewer Collection System, the plans and specifications for the Sanitary Sewer Service Line and the Water Service Line must be submitted the District's Engineer for review and approval. Upon the Engineer's review and approval, the plans and specifications shall then be submitted to the District's Operator for review and approval. The cost of the review and approval of the plans and specification by the District's Engineer and Operator shall be paid by the Customer.

ARTICLE III.  
WATER CONNECTIONS

Section 3.01. Water Tap Materials. Only the following types of pipe and fitting materials shall be approved for the installation of Water Taps, including residential Water Taps and commercial Water Taps:

- A. Any meter approved by the City of Houston;
- B. Brass curb stops, curb stops, and related fittings manufactured by Ford, Hays or Muller;
- C. Polyethylene water service pipe, 3/4" to 2";
- D. Cast iron or vinyl iron (C-900) water service pipe, larger than 2";
- E. Water main pipe of the type originally installed;
- F. Plastic meter box up to 2" meter;
- G. Concrete meter box, where traffic use is specified; and
- H. Concrete meter vault per City of Houston specifications for 3" and larger meter.

Section 3.02. Plumbing Material Prohibitions.

- A. Prohibited Materials: The use of the following materials are prohibited for the installation and repair of the District's Water Supply System and for the installation and repair of any private plumbing facilities:
  - 1. any pipe, pipe fitting, plumbing fitting, or fixture the wetted surface of which contains more than a weighted average of 0.25% lead [as

calculated under section 1417(d)(2) of the Safe Drinking Water Act (42 U.S.C. 300g-6), as amended by Public Law 111-380]; and

2. any solder or flux which contains more than 0.2% lead.

This prohibition may be waived for lead joints that are necessary for repairs to cast iron pipe.

- B. Certificate of Compliance: No new connections to the District's Water Supply System shall be made unless a state licensed plumber first submits in writing to the District a Certificate of Compliance, as set forth in Exhibit "1" attached hereto, specifying that the new connection complies with the plumbing material prohibition contained in Section 3.02(A) hereof. The Certificate of Compliance shall be signed by the licensed plumber and must be submitted to the District's Operator prior to continuous service being supplied. The District shall not accept any Tap Fee that is not accompanied by a Certificate of Compliance.

#### Section 3.03. Installation.

A. An Application for Service, a copy of which is attached hereto as Exhibit "5," must be filed with the District's Operator. The Customer must pay to the District's Operator all Tap Fees, inspection fees and deposits, as described in the District's Rate Order.

B. All Water Taps to the District's Water Supply System shall be installed only by the District's Operator.

C. The District's Operator shall install Water Taps and set meters at a location on adjoining property lines, whenever possible, with the meter box being located in the easement adjacent to the property line and with two (2) meters per box, where appropriate.

D. The District's Operator shall be responsible for all repairs to the Water Taps.

E. After installation of the Water Tap, connection of the Water Service Line shall be made at the expense of the Customer. (Note: This line shall be tested for leaks since all water recorded through the meter will be charged to the Customer).

F. After connection to the District's Water Supply System, the Water Service Line should be thoroughly flushed as to prevent foreign matter from entering the household system.

#### Section 3.04. Customer Service Inspection Certifications.

A. A Customer Service Inspection Certification, as described in Exhibit "2" attached hereto, shall be completed prior to providing continuous water service to any new construction, on any existing service where the District has reason to believe that cross-connections or other unacceptable plumbing practices exist, and after any material improvement, correction, or addition to private plumbing facilities. Prior to the District initiating continuous service, a Customer shall provide a Customer Service Inspection Certification to the District. The Customer Service Inspection Certification may only be performed by those individuals described in Subsection B of this Section 3.04. For Customer Service Inspection Certifications performed by the District's Operator, the Customer must pay the District the Customer Service Inspection Fee prior to the Operator performing the inspection and certification. Copies of properly completed Customer Service Inspection Certifications shall be kept on file by the District's Operator and made available, upon request, for Texas Commission on Environmental Quality ("Commission") review. Inspection certifications shall be retained for a minimum of ten (10) years. Failure to provide a Customer Service Inspection Certification in accordance with this Section 3.04 shall constitute a violation of these Rules and Regulations and such violation shall be subject to the enforcement provisions set forth in Article X hereof.

B. Individuals with the following credentials shall be recognized as capable of conducting a Customer Service Inspection Certification:

1. Plumbing Inspectors and Water Supply Protection Specialists licensed by the Texas State Board of Plumbing Examiners; and

2. Certified Waterworks Operators and members of other water related professional groups who have completed a training course, passed an examination administered by the Commission or its designated agent, and hold an endorsement granted by the Commission or its designated agent.

C. Private plumbing facilities in violation of Article III hereof shall constitute an unacceptable plumbing practice and violation of these Rules and Regulations. If an unacceptable plumbing practice is discovered, the Customer shall eliminate the unacceptable plumbing practice within thirty (30) days from the date of discovery to prevent possible contamination of the District's Water Supply System. The existence of a serious threat to the integrity of the District's Water Supply System shall be considered sufficient grounds for immediate termination of water service. Service can be restored only when the source of potential contamination no longer exists, or when sufficient additional safeguards have been taken, and a Customer Service Inspection Certification confirming correction of unacceptable plumbing practices has been submitted to the District.

D. The Customer Service Inspection Certification shall certify that:

1. No direct connection between the District's Water Supply System and a potential source of contamination exists. Potential sources of contamination are isolated from the District's Water Supply System by an air gap or an appropriate backflow prevention assembly in accordance with state plumbing regulations. Additionally, all pressure relief valves and thermal expansion devices are in compliance with state plumbing regulations.

2. No cross-connection between the District's Water Supply System and a private water source exists. Where an actual air gap is not maintained between the District's Water Supply System and a private water supply, an approved reduced pressure-zone backflow prevention assembly is properly installed and a service agreement exists for annual inspection and testing by a recognized backflow prevention assembly tester.

3. No connection exists which would allow the return of water used for condensing, cooling or industrial processes back to the District's Water Supply System.

4. No pipe, pipe fitting, plumbing fitting, or fixture the wetted surface of which contains more than a weighted average of 0.25% lead [as calculated under section 1417(d)(2) of the Safe Drinking Water Act (42 U.S.C. 300g-6), as amended by Public Law 111-380] exists in private plumbing facilities installed on or after January 4, 2014.

5. No solder or flux which contains more than 0.2% lead exists in private plumbing facilities installed on or after July 1, 1988.

6. No new or replacement plumbing fixture is installed which is not in compliance with a State Approved Plumbing Code.

Section 3.05. Prohibited Connections.

A. No water connection from the District's Water Supply System shall be made to any establishment where an actual or potential contamination or system hazard exists without an air gap separation between the drinking water supply and the source of potential contamination. Where a containment air gap is impractical, individual "internal" air gaps or mechanical backflow prevention devices shall be required at the meter in the form of a backflow prevention device (in accordance with AWWA Standards C510 and C511 and AWWA Manual M14) on those establishments handling substances deleterious or hazardous to the public health.

B. No water connection from the District's Water Supply System shall be made to any condensing, cooling, or industrial process or any other system of nonpotable usage

over which the District does not have sanitary control, unless the said connection is made in accordance with the requirements of paragraph (A) of this section. Water from such systems cannot be returned to the District's Water Supply System.

C. Overhead bulk water dispensing stations must be provided with an air gap between the filling outlet hose and the receiving tank to protect against back siphonage and cross-contamination.

Section 3.06. Backflow Prevention Assemblies.

A. Backflow prevention assemblies shall be installed on any connection which poses a High Health Hazard and any other connection which the District or the District's Operator reasonably believes poses a threat to the District's Water Supply System. Water service provided for lawn sprinklers, swimming pool supply, reflection pool supply or other such applications must incorporate a back flow prevention assembly in accordance with a State Approved Plumbing Code for the particular designated use. No permanent water service will be provided or continued to any new connection in the District which requires a backflow prevention assembly, unless the Customer provides the District with a Backflow Prevention Assembly Test and Maintenance Report (the "Test Report"), as described in Exhibit "3" attached hereto. At the request of the customer, the District's Operator may, on behalf of the District, install the backflow prevention assembly and complete the Test Report at the Customer's cost.

B. Effective January 1, 1996, all backflow prevention assemblies shall be tested upon installation by a Recognized Backflow Prevention Assembly Tester and certified to be operating within specifications. The Test Report, as described in Exhibit "3" attached hereto, shall be retained for a minimum of three (3) years. The District shall provide these records to the Commission for inspection upon request. Backflow prevention assemblies which are installed to provide protection against High Health Hazards must also be tested and certified to be operating within specifications at least annually by a Recognized Backflow Prevention Device Tester.

C. Recognized Backflow Prevention Device Testers shall have completed a Commission approved course on cross-connection control and backflow prevention and passed an examination administered by the Commission or its designated agent. The accredited tester classification shall be broken down into two categories:

1. The "General Tester" is qualified to test and repair backflow prevention assemblies on any domestic, commercial, industrial or irrigation service.

2. The "Fireline Tester" is qualified to test and repair backflow prevention assemblies on firelines only. The State Fire Marshall's office requires that a person

performing maintenance on firelines must be employed by an Approved Fireline Contractor.

D. Individuals who can show proof of completion of a course and passage of an exam based on the ABPA or ASSE National Exam, prior to the effective date of these regulations, may be recognized as accredited for the term of their current certification (not to exceed three (3) years).

E. Gauges used in the testing of backflow prevention assemblies shall be tested for accuracy annually in accordance with the University of Southern California's Foundation of Cross- Connection Control and Hydraulic Research and/or the American Water Works Association Manual of Cross Connection Control (Manual M-14). Test gauge serial numbers must be included on the Test Report and Recognized Backflow Prevention Device Testers shall have gauges tested for accuracy.

F. A Test Report must be completed by the Recognized Backflow Prevention Assembly Tester for each assembly tested. The signed and dated original must be submitted to the District's Operator for record keeping purposes.

G. Repairs to backflow prevention assemblies shall be performed by authorized individuals as recognized by the Texas State Board of Plumbing Examiners, the Commission, Texas Irrigators Advisory Council, or the Texas Commission on Fire Protection-State Fire Marshall's Office, depending upon application and use.

H. The use of a backflow prevention device at the service connection shall be considered as additional backflow protection and shall not negate the use of backflow protection on internal hazards as outlined and enforced by a State Approved Plumbing Code.

### Section 3.07. Customer Service Agreements.

A. The District is responsible for protecting its Water Supply System from contamination or pollution which can result from unacceptable plumbing practices. To this end, the District has adopted plumbing restrictions to provide protection to the District's Water Supply System. To notify Customers of the plumbing restrictions which are in place, each Customer shall be required to sign a Customer Service Agreement, as described in Exhibit "4" attached hereto, before the District will begin service. In addition, when service to an existing connection has been suspended or terminated, the District will not re-establish service unless it has a signed copy of a Customer Service Agreement.

The District will maintain a copy of the Customer Service Agreement as long as the Customer and/or the premises is connected to the District.

B. The Customer shall allow his/her property to be inspected for possible cross-connections and other unacceptable plumbing practices. These inspections shall be conducted by the District or its designated agent prior to initiating new water service; when there is reason to believe that cross-connections or other unacceptable plumbing practices exist; or after any major changes to the private plumbing facilities. Inspections shall be conducted during the District's normal business hours.

C. The District shall notify the Customer in writing of any cross-connection or other unacceptable plumbing practices which have been identified during the initial inspection or the periodic re-inspection.

D. The Customer shall immediately correct any undesirable plumbing practice on his/her premises.

E. The Customer shall, at his expense, properly install, test, and maintain any backflow prevention device required by the District. Copies of all testing and maintenance records shall be provided to the District.

F. If a Customer fails to comply with the terms of the Customer Service Agreement, the District shall, at its option, either terminate service or properly install, test, and maintain an appropriate backflow prevention assembly at the service connection. Any expenses associated with the enforcement of the Customer Service Agreement shall be billed to the Customer.

#### ARTICLE IV. SANITARY SEWER CONNECTIONS

##### Section 4.01. Sanitary Sewer Service Line Installation.

A. Only one Sanitary Sewer Service Line connection to the District's Sanitary Sewer Collection System is permitted for each residence or commercial building. The Sanitary Sewer Service Line shall remain fully within the boundaries of the lot until the line reaches a utility easement or street right-of-way.

B. No opening in the District's Sanitary Sewer Collection System will be allowed to remain overnight or during rain.

C. All Sanitary Sewer Service Lines must be constructed to true alignment and grade. Warped and/or sagging lines will not be permitted. Sanitary Sewer Service Lines must have continuous contact with firm trench bottom throughout their entire run. Lines placed in such manner as to increase the likelihood of being displaced during backfill will be rejected.



D. All Sanitary Sewer Service Lines should be run from wyes or stacks directly to the houses without meanders or bends.

Section 4.02. Sanitary Sewer Service Line Materials. Only the following types of pipe and fitting materials are approved for constructing Sanitary Sewer Service Lines. Pipe and fittings in each Sanitary Sewer Service Line must consist of the following material or other material approved by the District's Engineer:

A. Vitrified clay pipe conforming to ASTM Specification C700 with joint coupling conforming to ASTM Specifications C425 or C594 and installed according to ASTM C12.

B. Cast iron soil pipe, standard weight, conforming to ASTM Specification A74 with rubber gasket joint coupling conforming to ASTM Specification C564.

C. Poly-vinyl-chloride PSM (PVC) pipe conforming to ASTM Specification D3034 or ASTM specification F789 (with UL listing) and installed according to ASTM D2321.

D. Ductile Iron Pipe conforming to ANSI A21.51 with rubber gasket joints ANSI A21.11 and installed according to manufacturer's recommendations.

E. Acrylonitrile-butadiene-styrene (ABS) pipe material conforming to ASTM Specification D2751.

Section 4.03. Size and Grade of Sanitary Sewer Service Lines.

A. Minimum Sizes for Sanitary Sewer Service Lines shall be as follows:

1. Residential - - - 4 inches in diameter; and
2. Commercial - - - 6 inches in diameter.

B. The minimum grades for Sanitary Sewer Service Lines shall be as follows:

1. 4 inch pipe - - - 14 inch drop per hundred feet (1.2%);
2. 6 inch pipe - - - 8 inch drop per hundred feet (0.7%); and
3. 8 inch pipe - - - 5 inch drop per hundred feet (0.4%).

C. The maximum grades for Sewer Service Lines shall be as follows:

1. 4 inch pipe - - - two and one-half feet drop per hundred feet (2.5%);

2. 6 inch pipe - - - one and one-half feet drop per hundred feet (1.5%);  
and
3. 8 inch pipe - - - one foot drop per hundred feet (1%).

Section 4.04. Connection of Building Sewer Outlet.

A. On all building waste outlets, the building tie-on connections shall be made directly to the stub-out from the building plumbing at the foundation.

B. Water-tight adapters of a type compatible with the materials being joined shall be used at the point of connection of a Sanitary Sewer Service Line to the building plumbing. No cement grout materials shall be permitted.

C. Unless an exception is permitted by the District's Operator, existing wye and stack connections must be utilized for connection of a Sanitary Sewer Service Line to the District's Sanitary Sewer Collection System.

D. Commercial users shall install a sampling well constructed to City of Houston standards and a grease trap with sampling port constructed to City of Houston standards when required by the District's Engineer and Operator.

Section 4.05. Fittings and Cleanouts.

A. No bends or turns at any point will be greater than forty-five degrees (45E).

B. Each horizontal Sanitary Sewer Service Line will be provided with a cleanout at its upper terminal; and each such run of piping which is more than ninety (90) feet in length will be provided with a cleanout for each ninety (90) feet or fraction thereof in the length of such piping.

C. Each cleanout will be installed so that it opens in a direction opposite to the flow of the waste and, except in the case of wye branch and end-of-the-line cleanouts, cleanouts will be installed vertically above the flow line of the pipe.

D. Cleanouts will be made with air-tight mechanical plug.

Section 4.06. Installation of Sewer Taps and Issuance of Permits.

A. Sanitary Sewer Service Lines must be at least 24 inches below (vertically) and at least 9 feet from (horizontally) any Water Service Line (far side or near side connection). If this is not possible, a cast iron casing over the Water Service Line must be installed by the Customer, which casing will be inspected by the Operator.

B. Excavation for Sewer Taps shall be water tamped in all areas within 5 feet (vertically or horizontally) of any existing sewer lines, sidewalks or driveways. Soil not suitable for water tamping (clay modules, organic material or silty soils) shall be removed and replaced with suitable backfill materials.

C. All stacks shall be installed in locations shown on the plans. Stacks shall be capped and the cap lightly cemented in place. Wyes will not be installed by the line contractor. Wye saddles will be paid for in the line contract, but will be delivered to the District's Operator. The District's Operator will furnish the Customer a saddle at the time of inspection.

D. An Application for Service (a copy of which is attached as Exhibit "5") must be filed with the District's Operator prior to construction of any Sanitary Sewer Service Line, and the Tap Fee and/or Sewer Tap Inspection fee as established in the District's most current Rate Order should accompany the application. (Application forms are available from the District's Operator.) Construction of any Sanitary Sewer Service Line must not begin until the design of the Sanitary Sewer Service Line is approved by the District's Engineer and construction is authorized by the District's Operator.

E. When the Sanitary Sewer Service Line is complete, and prior to backfilling the pipe trench, the Customer shall request an inspection of the Sanitary Sewer Service Line. Requests for inspections (or reinspections) shall be made to the District's Operator at least twenty-four (24) hours in advance of the inspection.

F. The Sewer Tap shall be made only under the supervision of the District's Operator by use of an adapter of a type compatible with materials being joined. The Sewer Tap shall be watertight. No cement grout materials are permitted.

G. Any damage to the District's facility shall be repaired promptly by the Customer under the direction of the District's Operator. Major damage will be repaired by the District's Operator at the Customer's expense.

H. Backfilling of a Sanitary Sewer Service Line trench must be accomplished within twenty-four (24) hours of inspection and approval. Backfill material shall be sand or loam free of large lumps or clods. No debris will be permitted in the trench or backfill.

I. During inspection of the Sanitary Sewer Service Line, the District's Operator will examine all District facilities, such as manholes, valves, flush valves, and inlets on and adjacent to the lot. The connection permit will not be granted until any damage to these facilities has been repaired.

J. The District's Operator will complete the Inspection Form (a copy of which is attached as Exhibit "6") and file it for record with the Application.

K. A connection permit will be issued after the Sewer Tap Inspection is performed and the District's Operator confirms that all requirements of these Rules and Regulations have been met.

L. Connection permits which are rejected for any deficiency shall be promptly corrected and a re-inspection requested. A re-inspection fee as set forth in the District's Rate Order shall be paid at the time the re-inspection is requested.

ARTICLE V.  
FEES AND CHARGES

The District's fees and charges shall be as established by its Rate Order.

ARTICLE VI.  
EXCLUDED FLOW AND WASTE

A. No waste material which is not biologically degradable will be permitted to discharge into the District's Sanitary Sewer Collection System, including mud and debris accumulated during service line installation. The Customer should refer to the District's Rate Order and Rules and Regulations Concerning Residential and Nonresidential Wastes for specific information concerning acceptable discharges into the District's Sanitary Sewer Collection System. The Customer is to be fully responsible for cleaning and jetting lines of any dirt or debris permitted to enter during service construction.

B. No surface runoff water will be permitted to be discharged into the District's Sanitary Sewer Collection System, including but not limited to, downspouts and yard or area drains.

C. Swimming pool and/or spa connections will not be made to the District's Sanitary Sewer Collection System unless specifically approved by the District in writing.

ARTICLE VII.  
PRIVATE WELLS/TANKS

The construction of water wells and/or the installation of septic tanks is prohibited without prior written approval by the Board of Directors. Said approval, if granted by the Board of Directors, will state the purpose for the construction of a water well and the intended use of the water.

ARTICLE VIII.  
AVAILABILITY OF ACCESS/OBSTRUCTIONS

By application for connection to the District's Sanitary Sewer Collection System and/or Water Supply System, the Customer shall be deemed to be granting to the District and its representatives a right of ingress and egress to and from the meter or point of service for such installation, maintenance and repair as the District, in its judgment, may deem reasonably necessary. The Customer shall also be deemed to be granting to the District and its representatives a right of ingress and egress to the Customer's property, including the interior and exterior of the Customer's premises, for the purpose of performing the inspections and completing the Customer Service Inspection Certifications required by these Rules and Regulations. Taps and connections will not be made when, in the opinion of the District's Engineer or Operator, the work area is obstructed by building materials or other debris or the work area is not completed or finished to grade. When sidewalks, driveways or other improvements have been constructed prior to application for service, such application shall be construed and accepted as the Customer's waiver of a claim for any damages to such improvements resulting from the reasonable actions of the District's Operator in installation of the connection.

ARTICLE IX.  
PROTECTION OF DISTRICT'S WATER SUPPLY SYSTEM AND  
SANITARY SEWER COLLECTION SYSTEM

A. Damage to the District's Water Supply System or the Sanitary Sewer Collection System by the District's Customers, including developers and builders' plumbers, will be repaired by the District at the Customer's expense.

B. After a water meter has been set or a fire hydrant installed, the Customer shall at all times keep the area in, around and upon such facilities and District easements and property under Customer's control free from rubbish or obstructions of any kind, including shrubbery. Failure to keep such facilities and District easements and property under Customer's control free from rubbish or obstructions of other kind, including shrubbery, shall result in disconnection of water service and/or the assessment of charges necessary to remove said obstructions. Customers are prohibited from introducing material into the District's Sanitary Sewer Collection System which could cause obstruction of said system. In the event that an inspection by the District's Engineer or Operator reveals foreseeable damage to the District's Sanitary Sewer Collection System resulting from a Customer's failure to prevent obstructions from entering said system, the District reserves the right to remove the obstruction immediately and without notice. Any costs incurred by the District for removal of an obstruction to the District's system, plus a District administration fee of 20% of said costs, shall be assessed to the Customer.

C. It shall be unlawful for any person, unless authorized in writing by the District's Operator, to tamper or interfere with, obstruct access to, or as a result of willful action injure, deface, or destroy any facilities that are a part of the District's Water Supply System or Sanitary Sewer Collection System, including, with respect to the waterworks

system, water plants, flushing valves, valve boxes, and water lines up to the meter box and including meters; provided, however, that duly authorized members of the local fire department shall have the right to use such flushing valves for fire protection purposes.

D. It shall be unlawful for any person to connect any building to the District's Water Supply System without a meter or to have a straight line connection to a building without being metered. It shall also be unlawful for any person, other than the District's Operator or Engineer, to draw water from the District's Water Supply System (except for the use of water for firefighting purposes) without being metered, including the unauthorized use of a flushing valve or unmetered water taps.

E. It shall be unlawful for any person to deposit, throw, drain, discharge, or otherwise cause to be injected into any sewer, manhole, catch basin, flush tank, or other facility that is a part of the District's Water Supply System or Sanitary Sewer Collection System any debris or foreign substance that would interfere with the proper and routine functioning thereof.

#### ARTICLE X. ENFORCEMENT OF RULES AND REGULATIONS

Any and all of the following remedies may be employed by the District to abate and prevent any violation of the provisions of these Rules and Regulations:

A. Discontinuance of water service.

B. Disconnection and sealing of sanitary sewer connection.

C. The Board hereby imposes the following civil penalties for breach of any rule or regulation of the District: The violator shall pay the District twice the costs the District has sustained due to the violation up to \$5,000. A penalty under this Section is in addition to any other penalty provided by the laws of this State and may be enforced by complaints filed in the appropriate court of jurisdiction in the county in which the District's principal office or meeting place is located. If the District prevails in any suit to enforce its rules, it may, in the same action, recover any reasonable fees for attorneys, expert witnesses, and other costs incurred by the District before the court. The amount of the attorneys' fees shall be fixed by the court.

D. A Customer found in violation of these Rules and Regulations shall be liable to the District for all expenses borne by the District including laboratory fees, legal fees, engineering fees and other costs incurred by the District in establishing the violation and resolving the cause of the violation.

E. A Customer found in violation of these Rules and Regulations who causes or contributes to a violation by the District's Sanitary Sewer Collection System of effluent parameters shall be liable to the District for all expenses borne by the District, including legal and engineering fees related to any lawsuit filed by federal, state, or local authorities regarding violations by the District of effluent parameters applicable to the District's Sanitary Sewer Collection System.

ARTICLE XI.  
EFFECTIVE DATE

These Rules and Regulations shall become effective immediately.

EXHIBIT 1  
TO APPENDIX A

CERTIFICATE OF COMPLIANCE  
WITH  
PROHIBITION ON USE OF SPECIFIED MATERIALS IN CONNECTIONS TO  
MUNICIPAL UTILITY DISTRICT WATER SYSTEM

I, \_\_\_\_\_, a duly licensed plumber in the State of Texas, hereby certify that the connection at \_\_\_\_\_ (the "Connection") complies in full with the "Prohibition of Use of Specified Materials" provision contained in the Amended and Restated Rules and Regulations for GRAND MISSION MUNICIPAL UTILITY DISTRICT NO. 1. I further certify that:

A. No direct connection between the District's Water Supply System and a potential source of contamination exists. Potential sources of contamination are isolated from the District Water Supply System by an air gap or an appropriate backflow prevention assembly in accordance with state plumbing regulations. Additionally, all pressure relief valves and thermal expansion devices are in compliance with state plumbing codes.

B. No cross connection between the District's Water Supply System and a private water system exists. Where an actual air gap is not maintained between the District's Water Supply System and a private water supply system, an approved reduced pressure-zone backflow prevention assembly is properly installed and a service agreement exists for annual inspection and testing by a certified backflow prevention device tester.

C. No connection exists which would allow the return of water used for condensing, cooling or industrial processes back to the District's Water Supply System.

D. No pipe, pipe fitting, plumbing fitting, or fixture the wetted surface of which contains more than a weighted average of 0.25% lead [as calculated under section 1417(d)(2) of the Safe Drinking Water Act (42 U.S.C. 300g-6), as amended by Public Law 111-380] exists in private plumbing facilities installed on or after January 4, 2014.

E. No solder or flux which contains more than 0.2% lead exists in private plumbing facilities installed on or after July 1, 1988.

F. No plumbing fixture is installed which is not in compliance with a State Approved Plumbing Code.



These determinations have been made under my direction and supervision. I am aware that there are significant penalties for false certification, including the possibility of fine.

---

Signature

---

Printed Name

---

Company Name

---

Texas License No.:

---

Date

**EXHIBIT 2  
TO APPENDIX A  
Service Inspection Certification**

Name of District: GRAND MISSION MUNICIPAL UTILITY DISTRICT NO. 1

District I.D. #: \_\_\_\_\_

Location of Service: \_\_\_\_\_

I, \_\_\_\_\_ (*name of Inspector*), upon inspection of the private plumbing facilities connected to the Water Supply System of GRAND MISSION MUNICIPAL UTILITY DISTRICT NO. 1, do hereby certify that, to the best of my knowledge:

		Non-Compliance	Compliance	Cert on File
		<b>FOR DISTRICT USE ONLY</b>		
(1)	No direct connection between the District's Water Supply System and a potential source of contamination exists. Potential sources of contamination are isolated from the District Water Supply System by an air gap or an appropriate backflow prevention assembly in accordance with state plumbing regulations. Additionally, all pressure relief valves and thermal expansion devices are in compliance with state plumbing codes.	G	G	G
(2)	No cross connection between the District's Water Supply System and a private water system exists. Where an actual air gap is not maintained between the District's Water Supply System and a private water supply system, an approved reduced pressure-zone backflow prevention assembly is properly installed and a service agreement exists for annual inspection and testing by a certified backflow prevention device tester.	G	G	G
(3)	No connection exists which would allow the return of water used for condensing, cooling or industrial processes back to the District's Water Supply System.	G	G	G
(4)	No pipe, pipe fitting, plumbing fitting, or fixture the wetted surface of which contains more than a weighted average of 0.25% lead [as calculated under section 1417(d)(2) of the Safe Drinking Water Act (42 U.S.C. 300g-6), as amended by Public Law 111-380] exists in private plumbing facilities installed on or after January 4, 2014.	G	G	G
(5)	No solder or flux which contains more than 0.2% lead exists in private plumbing facilities installed on or after July 1, 1988.	G	G	G
(6)	No plumbing fixture is installed which is not in compliance with a State Approved Plumbing Code.	G	G	G

Water service shall not be provided or restored to the private plumbing facilities until the above conditions are determined to be in compliance.

I further certify that the following materials were used in the installation of the plumbing facilities:

Service Lines	Lead	G	Copper	G	PVC	G	Other	G
Solder	Lead	G	Lead Free	G	Solvent Weld	G	Other	G

I recognize that this document shall become a permanent record of the Water Supply System of GRAND MISSION MUNICIPAL UTILITY DISTRICT NO. 1 and that I am legally responsible for the validity of the information I have provided.

NOTE: THIS SERVICE INSPECTION CERTIFICATION IS FURNISHED FOR THE SOLE PURPOSE OF INSPECTING THE PLUMBING FACILITIES AT THE AFORESAID LOCATION OF SERVICE FOR UNACCEPTABLE PLUMBING PRACTICES IN ACCORDANCE WITH SAID DISTRICT'S RULES AND REGULATIONS GOVERNING WATER AND SANITARY SEWER FACILITIES, SERVICE LINES, AND CONNECTIONS. NO REPRESENTATION OR WARRANTY IS INTENDED OR MADE AS TO THE ADEQUACY, QUALITY OR FITNESS OF THE PRIVATE PLUMBING FACILITIES.

Signature of Inspector: \_\_\_\_\_

Registration Number: \_\_\_\_\_

Title: \_\_\_\_\_

Type of Registration: \_\_\_\_\_

Date: \_\_\_\_\_

EXHIBIT 3  
TO APPENDIX A

Backflow Prevention Assembly Test and Maintenance Report

The following form must be completed for each assembly tested. A signed and dated original must be submitted to the District for record keeping purposes:

Name of District: GRAND MISSION MUNICIPAL UTILITY DISTRICT NO. 1

PWS I.D. #: \_\_\_\_\_

Location of Service: \_\_\_\_\_

The backflow prevention assembly detailed below has been tested and maintained as required by Commission regulations and is certified to be operating within acceptable parameters.

TYPE OF ASSEMBLY

- |                                   |                                  |
|-----------------------------------|----------------------------------|
| G      Reduced Pressure Principle | G      Pressure Vacuum Breaker   |
| G      Double Check Valve         | G      Atmosphere Vacuum Breaker |
| G      Not Needed at this Address |                                  |

Manufacturer \_\_\_\_\_ Size \_\_\_\_\_  
 Model Number \_\_\_\_\_ Located at \_\_\_\_\_  
 Serial Number \_\_\_\_\_

	Reduced Pressure Principle Assembly			Pressure Vacuum Breaker	
	Double Check Valve Assembly		Relief Valve	Air Inlet	Check Valve
	1st Check	2nd Check		Opened at _____ psid _____ psid	
Initial Test	DC- Closed Tight G RP-_____ psid Leaked G	Closed Tight G  Leaked G	Opened at _____ psid	Did not open G	Leaked G
Repairs and Materials Used					
Test After Repair	DC- Closed Tight G RP _____ psid	Closed Tight G	Opened at _____ psid	Opened at _____ psid	_____ psid

The above is certified to be true.

Firm Name: \_\_\_\_\_  
Firm Address: \_\_\_\_\_  
Date: \_\_\_\_\_

Certified Tester: \_\_\_\_\_  
Cert. Tester No.: \_\_\_\_\_

EXHIBIT 4  
TO APPENDIX A  
CUSTOMER SERVICE AGREEMENT

ARTICLE I.  
PURPOSE

GRAND MISSION MUNICIPAL UTILITY DISTRICT NO. 1 (the "District") is responsible for protecting its Water Supply System from contamination or pollution which could result from unacceptable plumbing practices. The purpose of this Service Agreement is to notify each customer of the plumbing restrictions which are in place to provide this protection. The District enforces these restrictions to ensure the public health and welfare. Each customer must sign this Customer Service Agreement before the District will begin service. In addition, when service to an existing connection has been suspended or terminated, the District will not re-establish service unless it has a signed copy of this Customer Service Agreement.

ARTICLE II.  
PLUMBING RESTRICTIONS

The following unacceptable plumbing practices are prohibited by State regulations:

A. No direct connection between the District's Water Supply System and a potential source of contamination is permitted. Potential sources of contamination shall be isolated from the public water system by an air gap or an appropriate backflow prevention device.

B. No cross-connection between the District's Water Supply System and a private water system is permitted. These potential threats to the District's Water Supply System shall be eliminated at the service connection by the installation of an air gap or a reduced pressure-zone backflow prevention device.

C. No connection which allows water to be returned to the District's Water Supply System is permitted.

D. No pipe, pipe fitting, plumbing fitting, or fixture the wetted surface of which contains more than a weighted average of 0.25% lead [as calculated under section 1417(d)(2) of the Safe Drinking Water Act (42 U.S.C. 300g-6), as amended by Public Law 111-380] exists in private plumbing facilities installed on or after January 4, 2014.

E. No solder or flux which contains more than 0.2% lead can be used for the installation or repair of plumbing at any connection which provides water for human use.

ARTICLE III.  
SERVICE AGREEMENT

The following are the terms of this Customer Service Agreement between GRAND MISSION MUNICIPAL UTILITY DISTRICT NO. 1 (the "District") and \_\_\_\_\_ (the "Customer"):

A. The District will maintain a copy of this Customer Service Agreement as long as the Customer and/or the premises is connected to the District.

B. The Customer shall allow his/her property to be inspected for possible cross-connections and other unacceptable plumbing practices. These inspections shall be conducted by the District or its designated agent prior to initiating new water service; when there is reason to believe that cross-connections or other unacceptable plumbing practices exist; or after any major changes to the private plumbing facilities. Inspections shall be conducted during the District's normal business hours.

C. The District shall notify the Customer in writing of any cross-connection or other unacceptable plumbing practices which have been identified during the initial inspection or the periodic re-inspection.

D. The Customer shall immediately correct any unacceptable plumbing practice on his/her premises.

E. The Customer shall, at his expense, properly install, test, and maintain any backflow prevention device required by the District. Copies of all testing and maintenance records shall be provided to the District.

ARTICLE IV.  
ENFORCEMENT

If the Customer fails to comply with the terms of this Service Agreement, the District shall, at its option, either terminate service or properly install, test, and maintain an appropriate backflow prevention device at the service connection. Any expenses associated with the enforcement of this Service Agreement shall be billed to the Customer.

NOTE: THE PURPOSE OF THE CUSTOMER SERVICE AGREEMENT IS TO NOTIFY CUSTOMERS OF THE PLUMBING RESTRICTIONS OF THE DISTRICT ADOPTED TO PROTECT THE DISTRICT'S WATER SUPPLY SYSTEM. INSPECTIONS CONDUCTED BY THE DISTRICT'S OPERATOR IN ACCORDANCE WITH THIS SERVICE AGREEMENT ARE FOR THE SOLE PURPOSE OF DISCOVERING AND ELIMINATING UNACCEPTABLE PLUMBING PRACTICES. THE DISTRICT OR THE DISTRICT'S

OPERATOR MAKES NO REPRESENTATION AS TO THE ADEQUACY, QUALITY, OR FITNESS OF THE CUSTOMER'S PRIVATE PLUMBING FACILITIES.

Customer's  
Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_



EXHIBIT 5  
TO APPENDIX A  
APPLICATION FOR SERVICE  
(Please print or type)

Duplicate to  
(address)

\_\_\_\_\_  
(Subdivision and Section)

\_\_\_\_\_  
(Name of Applicant)

\_\_\_\_\_  
(Lot)

\_\_\_\_\_  
(Block)

\_\_\_\_\_  
(Street Address)

\_\_\_\_\_  
(Street Address)

\_\_\_\_\_  
(Phone)

\_\_\_\_\_  
(City) (State) (Zip)

Installation to be performed by: \_\_\_\_\_  
(Plumber or Sub-contractor) (Phone)

Type of pipe material to be used: PVC\_\_\_\_\_, ABS\_\_\_\_\_, VC\_\_\_\_\_, CI\_\_\_\_\_

Date: \_\_\_\_\_ Requested by: \_\_\_\_\_ (Signature)

Applicant to draw sketch of house layout and proposed location of water and sewer service line:

\_\_\_\_\_  
For District Use Only

Date Application Received: \_\_\_\_\_

Date Construction Authorized: \_\_\_\_\_

Connection Information: \_\_\_\_\_

WYE Location \_\_\_\_\_

Stack Location \_\_\_\_\_

Manhole Location \_\_\_\_\_

Date of Inspection: 1st \_\_\_\_\_ 2nd \_\_\_\_\_ 3rd \_\_\_\_\_

Date Permit Granted \_\_\_\_\_

Approved by \_\_\_\_\_ District Representative

EXHIBIT 6  
TO APPENDIX A

INSPECTION FORM  
SANITARY SEWER SERVICE

Lot \_\_\_\_\_ Block \_\_\_\_\_ Section \_\_\_\_\_

Street Address \_\_\_\_\_

Inspection Requested By: \_\_\_\_\_ Date \_\_\_\_\_

Date Tap to Be Made \_\_\_\_\_

Results of Inspection Made on \_\_\_\_\_ at \_\_\_\_\_ AM/PM

Pipe Material: Size \_\_\_\_\_ PVC (D3034) \_\_\_\_\_ ABS (D2751) \_\_\_\_\_

Tap to: Wye \_\_\_\_\_ Stack \_\_\_\_\_

Cleanout: House \_\_\_\_\_ and \_\_\_\_\_

INSTALLATION

Satisfactory

Unsatisfactory

Directness to Wye \_\_\_\_\_

Slope \_\_\_\_\_

Full Contact w/bedding \_\_\_\_\_

Connection w/Main \_\_\_\_\_

Condition of Other District \_\_\_\_\_

Facilities on Lot \_\_\_\_\_

Connection Permit is approved (not approved).

Water service to Lot is approved (not approved).

This service reinspected on \_\_\_\_\_. (See Attached new report).

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Copy to:

Applicant \_\_\_\_\_

By: \_\_\_\_\_

District Inspector

Manager \_\_\_\_\_

By: \_\_\_\_\_

Authorized Representative of Applicant

APPENDIX B  
DROUGHT CONTINGENCY PLAN  
FOR  
GRAND MISSION MUNICIPAL UTILITY DISTRICT NO. 1

ARTICLE I:  
DECLARATION OF POLICY, PURPOSE, AND INTENT

In order to conserve the available water supply and protect the integrity of water supply facilities, with particular regard for domestic water use, sanitation, and fire protection, and to protect and preserve public health, welfare, and safety, and to minimize the adverse impacts of water supply shortage or other water supply emergency conditions, Grand Mission Municipal Utility District No. 1 (the "District") hereby adopts the following regulations and restrictions on the delivery and consumption of water.

Water uses regulated or prohibited under this Drought Contingency Plan (the "Plan") are considered to be non-essential, and continuation of such uses during times of water shortage or other emergency water supply condition is deemed to constitute a waste of water which subjects the offender(s) to penalties as defined in ARTICLE XI of this Plan.

ARTICLE II:  
PUBLIC INVOLVEMENT

Opportunity for the public to provide input into the preparation of the Plan was provided by the District by means of holding public hearings during regular meetings of the Board of Directors of the District during preparation of the Plan.

ARTICLE III:  
PUBLIC EDUCATION

The District will periodically provide the public with information about the Plan, including information about the conditions under which each stage of the Plan is to be initiated or terminated and the drought response measures to be implemented in each stage. This information will be provided by means of letters to the residents, notices on the utility bills, placing of signs in the District, or other similar measures, as appropriate.

ARTICLE IV:  
COORDINATION WITH REGIONAL WATER PLANNING GROUPS

The service area of the District is located within Region H of the Regional Water Planning Group.

ARTICLE V:  
AUTHORIZATION

The Board of Directors of the District, with Municipal District Services, L.L.C. (the District's "Operator"), is hereby authorized and directed to implement the applicable provisions of this Plan upon determination that such implementation is necessary to protect public health, safety, and welfare. The Operator shall have the authority to initiate or terminate drought or other water supply emergency response measures as described in this Plan.

ARTICLE VI:  
APPLICATION

The provisions of this Plan shall apply to all persons, customers, and property utilizing water provided by the District. The terms Aperson@ and Acustomer@ as used in the Plan include individuals, corporations, partnerships, associations, and all other legal entities.

ARTICLE VII.  
REGIONAL WATER AUTHORITY

North Fort Bend Water Authority (the "Water Authority"). As a participant in the Water Authority, the District is required to respond to any notifications from the Water Authority regarding the Water Authority's designation of Trigger Conditions and adoption of Drought Response Measures, as those terms are defined in the Water Authority's Order Adopting Amended and Restated Drought Contingency Plan; Providing for Implementation and Enforcement Thereof; Providing Penalties for Violations; and Containing Other Provisions Related to the Subject, as the same shall be amended from time to time. The District and the District's Operator shall take such actions as are required by the Water Authority upon receipt of notification of such requirements.

ARTICLE VIII:  
DEFINITIONS

For the purposes of this Plan, the following definitions shall apply in addition to the definitions from Article I of the Order Adopting Consolidated Rate Order and Rules and Regulations; Establishing Drought Contingency Plan; Establishing a Wastewater Service Order; Establishing Certain Other Policies; and Providing Penalties for Violation Thereof:

A. "Aesthetic water use" - shall mean water use for ornamental or decorative purposes such as fountains, reflecting pools, and water gardens.

B. "Average Well Run Time" - shall mean the average of the well run times of all serviceable wells within a twenty-four hour period.

C. "Commercial and institutional water use" - shall mean water use which is integral to the operations of commercial and non-profit establishments and governmental entities such as retail establishments, hotels and motels, restaurants, and office buildings.

D. "Conservation" - shall mean those practices, techniques, and technologies that reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water or increase the recycling and reuse of water so that a supply is conserved and made available for future or alternative uses.

E. "Customer" - shall mean any person, company, or organization using water supplied by the District.

F. "Domestic water use" - shall mean water use for personal needs or for household or sanitary purposes such as drinking, bathing, heating, cooking, sanitation, or for cleaning a residence, business, industry, or institution.

G. "Even number address" - shall mean street addresses, box numbers, or rural postal route numbers ending in 0, 2, 4, 6, or 8, and locations without addresses.

H. "Industrial water use" - shall mean the use of water in processes designed to convert materials of lower value into forms having greater usability and value.

I. "Landscape irrigation use" - shall mean water used for the irrigation and maintenance of landscaped areas, whether publicly or privately owned, including residential and commercial lawns, gardens, golf courses, parks, and rights-of-way and medians.

J. "Non-essential water use" - shall mean water uses that are not essential nor required for the protection of public, health, safety, and welfare, including:

1. "Irrigation of landscape areas, including parks, athletic fields, and golf courses, except otherwise provided under this Plan;

2. use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle;

3. use of water to wash down any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;

4. use of water to wash down buildings or structures for purposes other than immediate fire protection;

5. flushing gutters or permitting water to run or accumulate in any gutter or street;

6. use of water to fill, refill, or add to any indoor or outdoor swimming pools or JACUZZI-type pools;

7. use of water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life;

8. failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s); and

9. use of water from hydrants for construction purposes or any other purposes other than fire fighting.

K. "Odd numbered address" - shall mean street addresses, box numbers, or rural postal route numbers ending in 1, 3, 5, 7, or 9.

ARTICLE IX:  
CRITERIA FOR INITIATION AND TERMINATION  
OF DROUGHT RESPONSE STAGES

The Operator shall monitor water supply and/or demand conditions on a daily basis and shall determine when conditions warrant initiation or termination of each stage of the Plan, that is, when the specified Atriggers@ are reached.

The triggering criteria described below are based on known system capacity limits. The District will adopt measures for each stage of the Plan as warranted by the triggers. The stages will not necessarily be adopted in consecutive order. Public notification shall be provided in accordance with ARTICLE X hereof.

**Stage 1 -- MODERATE Water Shortage Conditions**

A. Triggers/Requirements for initiation/termination: Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses provided in ARTICLE X of this Plan when the average well run time is at or above 18 hours per day for three (3) consecutive days or when any of the water facilities cannot meet the water supply demand.

Target: Achieve a voluntary 15 percent reduction in daily water demand. This would reduce the well motor run time from 18 hours to 14 hours or less.

B. Requirements for termination: Stage 1 of the Plan may be rescinded when the conditions listed as triggering events have ceased to exist for a period of seven (7) consecutive days or at the discretion of the Board of Directors of the District or the designee of the District.

C. Supply Management Measures (Best Management Practices):

1. Reduce system pressure at the water plant or plants to 55 psi.
2. Notification should be provided to customers of the implementation of the water use restrictions by sending the letter attached as Exhibit 1.

D. Water Use Restrictions: Voluntary water use restrictions as follows:

1. Water customers are requested to voluntarily limit the irrigation of landscaped areas to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), and to irrigate landscapes only between the hours of midnight and 10:00 a.m. and 8:00 p.m. to midnight on designated watering days.

2. Water customers are requested to practice water conservation and to minimize or discontinue water use for non-essential purposes.

## **Stage 2 -- SEVERE Water Shortage Conditions**

A. Triggers/Requirements for initiation/ termination: Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses for Stage 2 of this Plan when the average well run time is at or above twenty (20) hours per day for three (3) consecutive days or when any of the water plant facilities cannot meet the water supply demand.

Target: Achieve a 25 percent reduction in daily water demand. This would reduce the well motor run time from 20 hours to 14 hours or less.

B. Requirements for termination: Stage 2 of the Plan may be rescinded when the conditions listed as triggering events have ceased to exist for a period of seven (7) consecutive days or at the discretion of the Board of Directors of the District or the designee of the District. Upon termination of Stage 2, Stage 1 becomes operative.

C. Supply Management Measures (Best Management Practices):

1. Reduce system pressure at the water plant or plants to 50 psi.
2. Notification should be made to customers of the implementation of the water use restrictions by sending the letter attached as Exhibit 2.

D. Water use restrictions: Under threat of penalty for violation, the following water use restrictions shall apply to all persons:

E. Water customers are requested to practice water conservation and to minimize or discontinue water use for non-essential purposes.

F. Irrigation of landscaped areas by automatic irrigation systems shall be limited to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), and irrigation of landscaped areas is further limited to the hours of 12:00 midnight until 10:00 a.m. and between 8:00 p.m. and 12:00 midnight on designated watering days. Total irrigation times for any zone shall not exceed thirty (30) minutes.

G. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight. Such washing, when allowed, shall be done with a hand-held bucket or a hand-held hose equipped with a positive shutoff nozzle for quick rises. Vehicle washing may be done at any time on the immediate premises of a commercial car wash or commercial service station. Further, such washing may be exempted from these regulations if the health, safety, and welfare of the public is contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.

H. Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or JACUZZI-type pools is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight.

I. Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a re-circulation system.

J. Use of water from hydrants shall be limited to fire fighting, related activities, or other activities necessary to maintain public health, safety, and welfare, and use of water



from designated fire hydrants for construction purposes is to be discontinued, unless otherwise approved by the Board of Directors of the District or the designee of the District.

K. All restaurants are prohibited from serving water to patrons except upon request of the patron.

L. The following uses of water are defined as non-essential and are prohibited:

1. wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;

2. use of water to wash down buildings or structures for purposes other than immediate fire protection;

3. use of water for dust control, except where a special permit is given for construction purposes;

4. flushing gutters or permitting water to run or accumulate in any gutter or street; and

5. failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

M. Special Water Rates. The following water rates shall apply during an Critical/Emergency period:

<u>Class of Customer</u>	<u>Rate</u>
Residential	Two times the rate charged per the Rate Order for each 1,000 gallons exceeding 15,000 gallons
Multi-Family	Two times the rate charged per the Rate Order for each 1,000 gallons exceeding the average usage of 7,000 gallons per unit
Irrigation	\$2.50 per 1,000 gallons

### **Stage 3 -- CRITICAL/EMERGENCY Water Shortage Conditions**

A. Triggers/Requirements for initiation/termination: Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses for Stage 3 of the Plan when the average well run time is at or above twenty-two (22) hours

per day for three (3) consecutive days, or when any of the water plant facilities cannot meet the water supply demand.

Target: Achieve a 33 percent reduction in daily water demand. This would reduce the well motor run time from 22 hours to 14 hours or less.

B. Requirements for termination: Stage 3 of the Plan may be rescinded when the conditions listed as triggering events have ceased to exist for a period of seven (7) consecutive days or at the discretion of the Board of Directors of the District or the designee of the District. Upon termination of Stage 3, Stage 2 becomes operative.

C. Supply Management Measures (Best Management Practices):

1. Reduce water supply system pressure to 45 psi.
2. Notify customers of the implement of the water use restrictions by sending the letter attached as Exhibit 3.

D. Water Use Restrictions. Under threat of penalty for violation, the following water use restrictions shall apply to all persons :

1. Irrigation of landscaped areas is prohibited at all times..
2. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle not occurring on the premises of a commercial car wash and commercial service stations and not in the immediate interest of public health, safety, and welfare is prohibited. Further, such vehicle washing at commercial car washes and commercial service stations shall occur only between the hours of 6:00 a.m. and 10:00 a.m. and between 6:00 p.m. and 10 p.m. Such washing may be exempted from these regulations if the health, safety and welfare of the public is contingent upon frequent vehicle cleaning such as garbage trucks and vehicles used to transport food and perishables.
3. The filling, refilling, or adding of water to swimming pools, wading pools, and JACUZZI-type pools is prohibited.
4. Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a re-circulation system.
5. No application for new, additional, expanded, or increased-in-size water service connections, meters, service lines, pipeline extensions, mains, or water service facilities of any kind shall be approved, and time limits for approval of

such applications are hereby suspended for such time as this drought response stage or a higher-numbered stage shall be in effect.

6. Use of water from hydrants shall be limited to fire fighting, related activities, or other activities necessary to maintain public health, safety, and welfare, and use of water from designated fire hydrants for construction purposes is to be discontinued.

7. All restaurants are prohibited from serving water to patrons except upon request of the patron.

8. The following uses of water are defined as non-essential and are prohibited:

- a. wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
- b. use of water to wash down buildings or structures for purposes other than immediate fire protection;
- c. use of water for dust control;
- d. flushing gutters or permitting water to run or accumulate in any gutter or street; and
- e. failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

E. Special Water Rates. The following water rates shall apply during an Critical/Emergency period:

<u>Class of Customer</u>	<u>Rate</u>
Residential	Three times the rate charged per the Rate Order for each 1,000 gallons exceeding 15,000 gallons
Multi-Family	Three times the rate charged per the Rate Order for each 1,000 gallons exceeding the average usage of 7,000 gallons per unit
Irrigation	\$3.50 per 1,000 gallons

ARTICLE X:  
NOTIFICATION OF DROUGHT STAGES

The Operator shall monitor water supply and/or demand conditions on a daily basis and, in accordance with the triggering criteria set forth in ARTICLE IX of this Plan, shall determine when a moderate, severe, critical/emergency or water shortage condition exists and shall implement the following notification procedures:

Notification: Before any notification of the public occurs, the Operator shall notify the Board of Directors of the need to evoke mandatory water conservation procedures.

A. Notification of the Public: The Operator shall notify the public by means of:

1. direct mail to each customer,
2. signs posted in public places, or
3. other measures that might be appropriate.

B. Additional Notification: The Operator shall notify directly, or cause to be notified directly, the following individuals and entities:

1. Texas Commission on Environmental Quality (required when mandatory restrictions are imposed),
2. Major water users;
3. Critical water users, i.e. hospitals.

ARTICLE XI:  
ENFORCEMENT

A. No person shall knowingly or intentionally allow the use of water from the District for residential, commercial, industrial, agricultural, governmental, or any other purpose in a manner contrary to any provision of this Plan, or in an amount in excess of that permitted by the drought response stage in effect at the time pursuant to action taken by the Operator in accordance with provisions of this Plan.

B. First Violation. Any person or entity who violates this Plan shall receive written notification of such violation, which notice shall set forth (i) the date of the violation, (ii) the nature of the violation, (iii) the Drought Stage measures then in effect, and (iv) the penalties applicable for any further violations of this Plan; provided, however, that if such person or entity has ever previously violated this Plan, the penalties set forth below may, in

the discretion of the Board, be imposed. The letter attached as Exhibit 4 may be used for the written notification of a first violation of the provisions of the Plan.

C. Subsequent Violations.

1. Disconnection for Noncompliance. If any person or entity violates any provision of this Plan more than one time (which violation shall constitute an unauthorized use of District services and/or facilities), then in addition to any other remedies, penalties, sanctions, and enforcement procedures provided for herein, the District or its designee (with the assistance of a peace officer if necessary) shall have the right to terminate water service to such person or entity after notice and any other procedural requirements in the District's Consolidated Rate Order are satisfied. The letter attached as Exhibit 5 may be used to notify the person or entity of the termination of services.

2. Monetary Penalties for Noncompliance. If any person or entity violates any provision of this Plan more than one time (which violation shall constitute an unauthorized use of District services and/or facilities), then, in addition to disconnection as provided in this ARTICLE, the Board of the District or its designee, after providing required notice, may impose a penalty of up to \$5,000.00 for each violation of this Plan. Each day that a breach of any provision of this Plan continues shall be considered a separate violation. This penalty shall be in addition to any other legal rights and remedies of the District as may be allowed by law. The letter attached as Exhibit 5 hereto should be used to provide the required notice.

3. Remedies Cumulative. All rights, remedies, sanctions, penalties, and enforcement procedures provided for in this Plan are cumulative. In addition, the District shall have and may exercise and enforce any and all rights and remedies provided by law or in equity.

ARTICLE XII:  
VARIANCES

The District or its designee may, in writing, grant temporary variances, subject to confirmation by the Board of Directors of the District, for existing water uses otherwise prohibited under this Plan if it is determined that failure to grant such variance would cause an emergency condition adversely affecting the health, sanitation, or fire protection for the public or the person requesting such variance and if one or more of the following conditions are met:

A. Compliance with this Plan cannot be technically accomplished during the duration of the water supply shortage or other condition for which the Plan is in effect.

B. Alternative methods can be implemented which will achieve the same level of reduction in water use.

Persons requesting an exemption from the provisions of this Ordinance shall file a petition for variance with the District within 5 days after the Plan or a particular drought response stage has been invoked. All petitions for variances shall be reviewed by the Board of Directors of the District or its designees and shall include the following:

1. Name and address of the petitioner(s).
2. Purpose of water use.
3. Specific provision(s) of the Plan from which the petitioner is requesting relief.
4. Detailed statement as to how the specific provision of the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this Ordinance.
5. Description of the relief requested.
6. Period of time for which the variance is sought.
7. Alternative water use restrictions or other measures the petitioner is taking or proposes to take to meet the intent of this Plan and the compliance date.
8. Other pertinent information.

Variances granted by the District shall include the following provisions, unless waived or modified by the Board of Directors of the District:

1. Variances granted shall include a timetable for compliance.
2. Variances granted shall expire when the Plan is no longer in effect, unless the petitioner has failed to meet specified requirements.

No variance shall be retroactive or otherwise justify any violation of this Plan occurring prior to the issuance of the variance.

ARTICLE XIII:  
END OF DROUGHT CONTINGENCY  
WATER USE RESTRICTIONS

When the District is able to return to normal water use, the District shall send out the letter attached as Exhibit 6, or otherwise notify the customers of the District of the end of all water use restrictions.

EXHIBIT 1  
TO APPENDIX B  
**GRAND MISSION MUNICIPAL UTILITY DISTRICT NO. 1**  
**OF**  
**FORT BEND COUNTY, TEXAS**  
(Drought Contingency Stage 1)

\_\_\_\_\_  
(Date)

Dear Customer:

As a result of \_\_\_\_\_, GRAND MISSION MUNICIPAL UTILITY DISTRICT NO. 1 is unable to provide water at the customary levels or pressure.

To ensure that an adequate supply of water is available for drinking and bathing, you are hereby notified that Stage One of the Drought Contingency Plan is now in effect. Stage One includes the following provisions:

- A. Water system pressure will be reduced.
- B. Voluntary water use restrictions as follows:
  - 1. Water customers are requested to voluntarily limit the irrigation of landscaped areas to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), and to irrigate landscapes only between the hours of midnight and 10:00 a.m. and 8:00 p.m. to midnight on designated watering days.
  - 2. All operations of the District shall adhere to water use restrictions prescribed for Stage 2 of the Plan.
  - 3. Water customers are requested to practice water conservation and to minimize or discontinue water use for non-essential purposes.

The Board of Directors appreciates your cooperation and perseverance during this Drought Condition. Once the Drought Condition ends, we will notify you and you may then return to normal usage. If conditions should worsen, it may be necessary to proceed to Stage 2 at which time you will be notified of the more stringent restrictions, to ensure the availability of water in your community.

Very truly yours,

\_\_\_\_\_  
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## Board of Directors

EXHIBIT 2  
TO APPENDIX B  
**GRAND MISSION MUNICIPAL UTILITY DISTRICT NO. 1**  
**OF**  
**FORT BEND COUNTY, TEXAS**  
(Drought Contingency Stage 2)

\_\_\_\_\_  
(Date)

Dear Customer:

As a result of \_\_\_\_\_, GRAND MISSION MUNICIPAL UTILITY DISTRICT NO. 1 is unable to provide water at the customary levels or pressure.

To ensure that an adequate supply of water is available for drinking and bathing, you are hereby notified that Stage Two of the Drought Contingency Plan is now in effect. Stage Two includes the following provisions:

- A. Water system pressure will be reduced.
- B. Water use restrictions. Under threat of penalty for violation, the following water use restrictions shall apply to all persons:
  - 1. Water customers are requested to practice water conservation and to minimize or discontinue water use for non-essential purposes.
  - 2. Irrigation of landscaped areas by automatic irrigation systems shall be limited to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), and irrigation of landscaped areas is further limited to the hours of 12:00 midnight until 10:00 a.m. and between 8:00 p.m. and 12:00 midnight on designated watering days. Total irrigation times for any zone shall not exceed thirty (30) minutes.
  - 3. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight. Such washing, when allowed, shall be done with a hand-held bucket or a hand-held hose equipped with a positive shutoff nozzle for quick rises. Vehicle washing may be done at any time on the immediate premises of a commercial car wash or commercial service station. Further, such washing may be exempted from these regulations if the health, safety, and welfare of the public is contingent upon

frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.

4. Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or JACUZZI-type pools is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight.

5. Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a re-circulation system.

6. Use of water from hydrants shall be limited to fire fighting, related activities, or other activities necessary to maintain public health, safety, and welfare, and use of water from designated fire hydrants for construction purposes is to be discontinued, unless otherwise approved by the Board of Directors of the District or the designee of the District.

7. All restaurants are prohibited from serving water to patrons except upon request of the patron.

8. The following uses of water are defined as non-essential and are prohibited:

a. wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;

b. use of water to wash down buildings or structures for purposes other than immediate fire protection;

c. use of water for dust control, except where a special permit is given for construction purposes;

d. flushing gutters or permitting water to run or accumulate in any gutter or street; and

e. failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

C. Special Water Rates. The following water rates shall apply during an Critical/Emergency period:

<u>Class of Customer</u>	<u>Rate</u>
Residential	Two times the rate charged per the Rate Order for each 1,000 gallons exceeding 15, 000 gallons
Multi-Family	Two times the rate charged per the Rate Order for each 1,000 gallons exceeding the average usage of 7,000 gallons per unit
Irrigation	\$2.50 per 1,000 gallons

Failure to comply with the Water Use Restrictions is deemed a violation of the District's Drought Contingency Plan and may result in the termination of water and sewer service to your property. Water and sewer service will not be restored until noncompliance is discontinued and a reconnect fee of \$100 is paid.

The Board of Directors appreciates your cooperation and perseverance during this Drought Condition. Once the Drought Condition ends, we will notify you and you may then return to normal usage. If conditions worsen, it may be necessary to go to Stage 3, at which time , you will be notified of more stringent restrictions, to ensure the availability of water in your community.

Very truly yours,

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Board of Directors

EXHIBIT 3  
TO APPENDIX B  
**GRAND MISSION MUNICIPAL UTILITY DISTRICT NO. 1**  
**OF**  
**FORT BEND COUNTY, TEXAS**  
(Drought Stage 3)

\_\_\_\_\_  
(Date)

Dear Customer:

As a result of \_\_\_\_\_, GRAND MISSION MUNICIPAL UTILITY DISTRICT NO. 1 is suffering extreme inability to provide water at the customary levels or pressure.

This condition should be resolved within the next \_\_\_\_\_, and/or a Board of Directors meeting will be held \_\_\_\_\_ at \_\_\_\_\_ .m. at \_\_\_\_\_ to explain the situation and possible solutions.

To ensure that an adequate supply of water is available for drinking and bathing, you are hereby notified that Stage Three of the Drought Contingency Plan is now in effect. The Board of Directors is aware of the inconvenience of these severe restrictions, but it is imperative that the water supply not only be available for drinking and bathing but also for fire fighters in the event of a house fire. The following restrictions are now in effect:

- A. Water system pressure will be reduced.
- B. Water Use Restrictions. Under threat of penalty for violation, the following water use restrictions shall apply to all persons:
  - 1. Irrigation of landscaped areas is prohibited at all times.
  - 2. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle not occurring on the premises of a commercial car wash and commercial service stations and not in the immediate interest of public health, safety, and welfare is prohibited. Vehicle washing at commercial car washes and commercial service stations shall occur only between the hours of 6:00 a.m. and 10:00 a.m. and between 6:00 p.m. and 10:00 p.m. Further, such washing may be exempted from these regulations if the health, safety and welfare of the public is contingent upon frequent vehicle washing, such as garbage trucks and vehicles used to transport food and perishables

3. The filling, refilling, or adding of water to swimming pools, wading pools, and JACUZZI-type pools is prohibited.

4. Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a re-circulation system.

5. No application for new, additional, expanded, or increased-in-size water service connections, meters, service lines, pipeline extensions, mains, or water service facilities of any kind shall be approved, and time limits for approval of such applications are hereby suspended for such time as this drought response stage or a higher-numbered stage shall be in effect.

6. Use of water from hydrants shall be limited to fire fighting, related activities, or other activities necessary to maintain public health, safety, and welfare, and use of water from designated fire hydrants for construction purposes is to be discontinued.

7. All restaurants are prohibited from serving water to patrons except upon request of the patron.

8. The following uses of water are defined as non-essential and are prohibited:

a. wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;

b. use of water to wash down buildings or structures for purposes other than immediate fire protection;

c. use of water for dust control;

d. flushing gutters or permitting water to run or accumulate in any gutter or street; and

e. failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

C. Special Water Rates. The following water rates shall apply during an Critical/Emergency period:

<u>Class of Customer</u>	<u>Rate</u>
Residential	Three times the rate charged per the Rate Order for each 1,000 gallons exceeding 15,000 gallons
Multi-Family	Three times the rate charged per the Rate Order for each 1,000 gallons exceeding the average usage of 7,000 gallons per unit
Irrigation	\$3.50 per 1,000 gallons

Failure to comply with the Water Use Restrictions is deemed a violation of the Drought Contingency Plan and may result in the termination of water and sewer service to your property. Water and sewer service will not be restored until noncompliance is discontinued and a reconnect fee of \$100 is paid.

The Board of Directors appreciates your cooperation and perseverance during this Drought Condition. Once the Drought Condition ends, we will notify you and you may then return to normal usage. If conditions should worsen, you will be notified of more stringent restrictions, to ensure the availability of water in your community.

Very truly yours,

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Board of Directors

EXHIBIT 4  
TO APPENDIX B

**GRAND MISSION MUNICIPAL UTILITY DISTRICT NO. 1  
OF  
FORT BEND COUNTY, TEXAS**

**CITATION**

\_\_\_\_\_  
(Date)

Dear Customer:

You are hereby notified that you are violating the Water Use Restrictions of GRAND MISSION MUNICIPAL UTILITY DISTRICT NO. 1 .

You have been observed:

\_\_\_\_\_  
\_\_\_\_\_  
Attached is a copy of the letter we sent you regarding Drought Stage \_\_\_\_\_ and the restrictions imposed.

Unless the use of water in a prohibited manner is ceased immediately, water and sewer service to your property will be terminated, and service will be only restored upon payment of a \$100 reconnect fee.

Sincerely,

\_\_\_\_\_  
Board of Directors



EXHIBIT 5  
TO APPENDIX B

**GRAND MISSION MUNICIPAL UTILITY DISTRICT NO. 1  
OF  
FORT BEND COUNTY, TEXAS**

**CITATION**

\_\_\_\_\_  
(Date)

Dear Customer:

On \_\_\_\_\_, you were notified that you were violating the Water Use Restrictions of GRAND MISSION MUNICIPAL UTILITY DISTRICT NO. 1. This second violation has resulted in the termination of water and sewer service to your property. Service will be restored upon discontinuation of the prohibited use and upon payment of a \$100 reconnect fee. In addition, you will have to sign a copy of the water use restrictions now in effect. To have service restored you should contact the operator of GRAND MISSION MUNICIPAL UTILITY DISTRICT NO. 1 at 281-353-9809.

In addition, if you fail to take the steps listed above, the District will consider the imposition of Monetary Penalties for Noncompliance. In addition to disconnection, the District may impose a penalty of up to \$5,000.00 for each violation of this Plan. Each day that a breach of any provision of this Plan continues shall be considered a separate violation. This penalty shall be in addition to any other legal rights and remedies of the District as may be allowed by law. We urge you to comply with the provisions of the District's Drought Contingency Plan.

Sincerely,

\_\_\_\_\_  
Board of Directors

EXHIBIT 6  
TO APPENDIX B

**GRAND MISSION MUNICIPAL UTILITY DISTRICT NO. 1  
OF  
FORT BEND COUNTY, TEXAS**

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(Date)

Dear Customer:

The Drought Condition has ended. You may return to normal water usage. The Board of Directors of GRAND MISSION MUNICIPAL UTILITY DISTRICT NO. 1 appreciates your cooperation and perseverance during this period and would appreciate your continued attention to water use. Continued water conservation practices will help ensure water availability in the future. Thank you for your efforts.

Very truly yours,

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Board of Directors



D. "C.O.D." (Chemical Oxygen Demand) - shall mean the measure of the oxygen-consuming capacity of inorganic and organic matter present in water or waste, expressed in milligrams per liter as the amount of oxygen consumed from a chemical oxidant as determined by Standard Methods, or such other manual of operations as the District may adopt from time to time in accordance with the latest rules of the Commission.

E. "Commercial Waste" - shall mean the liquid and water-carried waste resulting from any process of industry, manufacturing, trade, business, or commercial enterprise, or any other process resulting in the discharge of waste other than normal domestic wastewater, including any mixture of industrial waste with water or normal domestic wastewater, and such other waste as the District deems appropriate.

F. "Commercial Waste Charge" - shall mean the charge made to persons who discharge or are responsible for the discharge of non-residential waste into the Waste Disposal System which discharge is amenable to treatment but which exceeds the concentration levels of normal domestic wastewater.

G. "Customer" - shall mean any person who is served by the wastewater collection and treatment system of the District (the "Waste Disposal System").

H. "Customer's Sanitary Sewer Collection System" - shall mean the sanitary sewer system(s) now owned or operated or to be constructed or acquired by Customers of the District, including sanitary sewers (but excluding storm sewers), manholes, intercepting sewers, pumping works, and all other plants, works, and equipment for the collection and transportation of waste to the District's Waste Disposal System.

I. "Daily composite" - shall mean the composite of all samples of a Customer's wastewater that may be taken in any 24-hour period selected by the District. A daily composite shall be prepared from not less than three (3) grab samples collected no closer together than one (1) hour per sample.

J. "Discharge" shall include the terms deposit, conduct, drain, emit, throw, run, seep, or otherwise release or dispose of, or to allow, permit, or suffer any of such acts or omissions.

K. "Grab sample" - shall mean an individual sample collected in less than 15 minutes.

L. "Grease" - shall mean fats, waxes, oils, and other similar volatile material and waste which are extracted by procedures specified in the latest edition of Standard Methods, or such other manuals as the District may adopt from time to time in accordance with the latest rules of the Commission.

M. "Infiltration water" - shall mean water which leaks into the District's Waste Disposal System or its customers' sanitary sewer collection systems.

N. "Interference" - shall mean the inhibition or disruption of the Waste Disposal System treatment process or operations which causes or contributes to causing a violation of the District's NPDES Permit or its permit issued by the Texas Commission on Environmental Quality.

O. "Mg/l" - shall mean milligrams per liter.

P. "Monthly average" - shall mean at the option of the District, either (i) the arithmetic average of all grab samples taken during a calendar month or (ii) the arithmetic average of all daily composite samples taken during a calendar month.

Q. "Normal domestic wastewater" - shall mean waste, excluding industrial waste, discharged by a person into the Waste Disposal System or into a Customer's sanitary sewer collection system in which the average concentration of total suspended solids is not more than 200 mg/1, B.O.D. is not more than 200 mg/1, and NH<sub>3</sub>-N is not more than 35 mg/1.

R. "Overload" the imposition of organic or hydraulic loading on the Waste Disposal System in excess of either its designated hydraulic capacity, its installed rated capacity, or its organic loading capacity.

S. "Person" - shall mean any individual, public or private corporation, district, authority, political subdivision, or other agency or entity of the State of Texas or of the United States of America; any incorporated city, town, or village, whether operating under general law or under its home rule charter; and any copartnership, association, firm, trust, estate, or any other entity whatsoever.

T. "pH" - shall mean the common logarithm of the reciprocal of the hydrogen ion concentration expressed in molecules per liter of solution.

U. "Pollutant" - shall mean any dredged spoil, solid waste, incinerator residue, waste, garbage, sludge, munitions, chemical wastes, biological materials, radioactive materials, heat, wrecked or discharged equipment, rock, sand, cellar dirt and industrial, municipal and agricultural waste discharged into water.

V. "Pretreatment" - shall mean the reduction of the amount of Pollutants, the elimination of Pollutants, or the alteration of the nature of the Pollutant properties in the wastewater to a less harmful state prior to or in lieu of discharging or otherwise introducing such Pollutants into the Waste Disposal System.

W. "Properly shredded garbage" - shall mean solid waste from the preparation, cooking, and dispensing of food and from the handling, storage, and sale of produce that has been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sanitary sewers, with no particle greater than one-half (1/2) inch in any dimension.

X. "Slug" - shall mean any discharge of water which in the concentration of any given constituent or in the quantity of the flow, exceeds for any period of duration longer than fifteen (15) minutes more than five (5) times the average twenty-four (24) hour concentration or flow during normal operation.

Y. "Standard Methods" - shall mean the examination and analytical procedures set forth in the latest edition of "Standard Methods for the Examination of Water and Wastewater" as prepared, approved, and published jointly by the American Public Health Association, the America Water Works Association, and the Water Pollution Control Federation.

Z. "Storm sewer" - shall mean sewers which carry storm and surface waters and drainage and into which waste is not intentionally discharged.

AA. "Suspended solids" - shall mean those solids that either float on the surface or are in suspension in waste or other liquids, expressed in terms of milligrams per liter.

BB. "Trap" - shall mean a device designed to skim, settle, or otherwise remove grease, oil, sand, flammable wastes, or other substances which may be harmful to either the Waste Disposal System or its treatment processes.

CC. "Waste" - shall mean normal domestic wastewater and commercial waste collected by a public sanitary sewer collection system, together with such infiltration water as may be present.

DD. "Waste Disposal System" - shall mean all or any part of any disposal system or disposal facilities constructed or acquired by the District for receiving, transporting, treating, and disposing of waste collected by the sanitary sewer collection systems of the District's customers, together with such extensions, enlargements, and modifications as may be required in the future or as may be necessary to comply with any regulatory requirements.

EE. "Wastewater service charge" - shall mean the charge to all users of the District's Waste Disposal System whose wastes do not exceed the concentrations established herein as representative of normal domestic wastewater.

ARTICLE III.  
PROHIBITED DISCHARGE

A. DISCHARGES INJURING OR INTERFERING WITH WASTE DISPOSAL SYSTEM: All waste discharged into the Waste Disposal System shall conform to the requirements hereof and shall consist only of waste amenable to biological treatment or other processes employed by the District from time to time. No person may discharge into the Waste Disposal System any waste which by itself or by interaction with any other waste may (i) injure or interfere with the process or physical properties or facilities of the Waste Disposal System, (ii) constitute a hazard to humans or animals, and (iii) create a hazard in the receiving waters of the effluent of the Waste Disposal System. No person shall discharge any of the following substances into the Waste Disposal System:

1. Any inflows or infiltration, including but not limited to, storm water, groundwater, roof runoff, sub-surface drainage, noncontact cooling water, or from sources such as downspouts, yard drains, pool drains, yard fountains or ponds, or lawn sprinklers.

2. Any liquids, solids or gases which by reason of their nature or quantity are, or may be, sufficient either alone or by interaction with other substances, to cause fire or explosion or be injurious in any other way to the Waste Disposal System or to the operation of the Waste Disposal System. At no time shall two successive readings on an explosion hazard meter, at the point of discharge into the system (or at any point in the system), be more than five percent (5%) nor any single reading over ten percent (10%) of the Lower Explosive Limit (LEL) of the meter. Prohibited materials include, but are not limited to, gasoline, kerosene, naphtha, benzene, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromates, carbides, hydrides and sulfides and any other substances in concentrations which the District, the State or EPA has identified or hereafter identifies as a fire hazard or a hazard to the system.

3. Solid or viscous substances which may cause obstruction to the flow in a sewer or other interference with the operation of the Waste Disposal System including, but not limited to, garbage (other than properly shredded garbage) containing particles greater than one-half inch (1/2") in any dimension, animal guts or tissues, paunch manure, bones, hair hides or fleshings, entrails, whole blood, feathers, ashes, cinders, sand, spent lime, stone or marble dust, metal, glass, straw, shavings, grass clippings, lettuce, rags, spent grains, spent hops, waste paper, wood, plastics, gas, tar, asphalt residues, residues from refining or processing of fuel or lubricating oil, mud, glass grindings or polishing wastes.

4. Any wastewater having a pH less than 6.0 or higher than 9.0, as determined from the average of at least four (4) grab samples taken at least one

hour apart and measured instantaneously, or having a pH lower than 5.0 or higher than 10.0 for any single grab sample, or wastewater having any other corrosive property capable of causing damage or hazard to structures, equipment, and/or personnel of the Waste Disposal System.

5. Any wastewater containing toxic Pollutants in sufficient quantity, either singly or by interaction with other Pollutants, to injure or interfere with any wastewater treatment process, which constitute a hazard to humans or animals, which create a toxic effect in the receiving waters of the wastewater facilities, or which exceed the limitation set forth in a National Categorical Pretreatment Standard.

6. Any wastewater having a temperature which will inhibit biological activity in the wastewater treatment plant or result in the interference with the operations of such facility, but in no case wastewater with a temperature at the designated control point or sample well which exceeds 65EC (150EF) or which causes the temperature of waste at the entrance to the wastewater treatment plant to exceed 40EC (104EF). In addition, no wastewater with such a temperature that will cause the temperature of wastewater at the entrance to the wastewater treatment plant to rise more than 10NF per hour.

7. Any Pollutants, including oxygen demanding Pollutants released at a flow rate and/or Pollutant concentration which will cause interference to the Waste Disposal System. No slug discharges are allowed.

8. A volume of flow which will cause the influent flow to the Waste Disposal System to exceed 1.5 times the average dry weather flow rate for a period longer than one hour. The design and installation of surge basins shall be subject to the review and approval of the District and to the requirements of all applicable laws.

9. Waste containing B.O.D. or suspended solids in excess of 200 mg/l, or ammonia in excess of 35 mg/l, based on a grab sample, unless a variance is first obtained from the District. B.O.D. or suspended solids in monthly average concentrations above 200 mg/l, and ammonia in a monthly concentration above 35 mg/l, shall be subject to payment of Commercial Waste Charges pursuant to ARTICLE VIII herein.

Discharges prohibited by the foregoing parameters include, but are not limited to, slugs and materials which exert or cause: excessive discoloration or concentrations of suspended solids, B.O.D., C.O.D., or chlorine demands in excess of the ability of the Waste Disposal System to treat adequately and dispose of such waste in compliance with applicable regulatory requirements.



B. CHEMICAL DISCHARGES: The following chemicals shall not be admissible into the Waste Disposal System:

1. Cyanide or cyanogen compounds capable of liberating hydrocyanic gas upon acidification when present in concentrations in excess of 0.5 mg/1 by weight as cyanide (CN);
2. Fluorides other than those contained in the local public water supply for the area which is the source of the discharge;
3. Gasoline, cleaning solvents, benzene, naphtha, fuel oil, or other flammable or explosive liquids, solids, or gases;
4. Substances causing C.O.D. in excess of 500 mg/1 for any daily composite sample or 1,000 mg/1 for any grab sample;
5. Acids or alkalis having pH values lower than 6.0 or higher than 9.0, iron pickling wastes, or concentrated plating solutions whether neutralized or not;
6. Grease, whether emulsified or not, containing substances which may solidify or become viscous at temperatures between 32 degrees and 150 degrees Fahrenheit (0 degrees and 65 degrees Centigrade) or which exceeds on analysis an average of 100 mg/1 of soluble matter;
7. Dissolved sulfides whose concentrations exceed 30 mg/1;
8. Radioactive materials or isotopes of such half-life or concentrations which will permit a transient concentration higher than the maximum allowable as specified by the governing standards of all local, State and federal regulatory authorities;
9. Any other corrosive, explosive, malodorous, or objectionable chemicals in liquid, solid, or gaseous form.

C. HEAVY METALS AND TOXIC MATERIALS: The following metals and toxic materials shall not be admissible into the District's Waste Disposal System:

1. Objectionable or toxic substances exerting an excessive chlorine requirement to such a degree that any such material received in the composite waste at the wastewater treatment plant exceeds the limits established from time to time by the District for such materials.

2. Obnoxious, toxic, or poisonous solids, liquids, or gases in quantities sufficient to violate the provisions of this Part III hereof.

3. Any substance having corrosive properties capable of causing damage or hazard to structures, equipment, or personnel operating the Waste Disposal System.

4. All waste or other substances containing phenols, hydrogen sulfide, or other taste or odor producing substances exceeding the concentration limits established from time to time by the District or which, after treatment of the composite waste, exceeds applicable regulatory requirements.

5. Antimony, beryllium, bismuth, boron, cobalt, molybdenum, tin, uranyl ion, uranium, rhenium, strontium, tellurium, and such other heavy metals as may be prohibited by the District.

6. The following heavy metals or the salts thereof in solution or suspension which upon analysis by Standard Methods exceed the concentrations listed below:

	Not to Exceed (mg/l)		
<u>Metal</u>	<u>Monthly Average</u>	<u>Daily Composite</u>	<u>Grab Sample</u>
Arsenic	1.000	1.500	3.000
Barium	5.000	7.500	15.000
Cadmium	0.083	0.125	0.250
Chromium	5.000	7.500	15.000
Copper	0.600	0.900	1.800
Lead	0.400	0.600	1.200
Manganese	2.000	3.000	6.000
Mercury	0.0005	0.0010	0.002
Nickel	5.000	7.500	15.000
Selenium	0.467	0.700	1.400
Silver	0.050	0.050	0.100
Zinc	2.000	3.000	6.000

7. Any other heavy metals or toxic materials except upon the conditions of pretreatment, concentration, volumes, and other applicable standards prescribed by the District or by applicable statutes, laws, rules, or regulations.

D. SOLID WASTE: No person may discharge solid waste into the Waste Disposal System unless it is properly shredded garbage. The District may review and approve the installation and operation of any garbage grinder equipped with a motor of three-fourth (3/4) horsepower (0.76 H.P. metric) or greater.

ARTICLE IV.  
MINIMUM PRELIMINARY TREATMENT CRITERIA  
FOR COMMERCIAL WASTE

A. It is not the intent of this Wastewater Control Order to cover all the possibilities for types of businesses that could potentially discharge wastes that can be adverse to the Waste Disposal System. However, the common commercial enterprises found in the vicinity of residential neighborhoods have been considered.

1. Gasoline Sales/Car Repair. All floor drains in shop areas shall include a combination mud and grease trap similar to City of Houston Dwg. 359-S-1. All flows into these drains should subsequently be treated in a specially designed oil separator with positive means for oil and grease removal. A 48-hour detention grease trap (minimum 1,500 gallons) or a corrugated plate pack separator will provide such treatment. No drainage shall be pumped with a centrifugal pump prior to oil and grease separation. The traps shall be cleaned at least once a month. Safeguards shall be taken against contamination of groundwater due to leakage from fuel tanks. All piping and tankage for both oil and grease pretreatment facilities and product storage shall be of double wall construction and shall include integral leak detection monitors to preclude contamination of groundwater.

2. Car Wash Facilities. All car wash facilities shall recycle the maximum amount of wash water through the best commercially available systems and install a mud/grease trap for each drain followed by 96-hour detention gravity grease separation (minimum 1,500 gallons) or a corrugated plate pack separator. Mud, sludge, and grease removal shall be required at least once a month. If the car wash facility has gasoline pump(s), then the car wash facility must also have floor drains to include a mud and grease trap similar to City of Houston Dwg. 359-S-1. All flows into these drains should subsequently be treated in a specifically designed oil separator with positive means for oil and grease removal. Traps shall be cleaned at least once a month. Safeguards shall be taken against contamination of groundwater due to leakage from fuel tanks. All piping and tankage for both oil and grease pretreatment facilities and product storage shall be double wall construction and shall include integral leak detection monitors to preclude contamination of groundwater. A ground water monitoring well must also be installed.

3. Food Service/Grocery Stores. Restaurants, meat markets, grocery stores, and other establishments dealing with the sale of unprocessed or cooked foods shall be prohibited from using garbage grinders, shall require grease traps (minimum 1,500 gallons), shall install an inspection manhole for sampling, and shall insure that scrap food and grease are collected in sealed containers and hauled away for reprocessing. Grease traps shall be cleaned a minimum of once a month.

4. Printing and Photoprocessing. Printing and photo-processing facilities shall install a ground water monitoring well and shall discharge only domestic waste from sinks and restrooms. All printing and photoprocessing chemicals shall be collected in sealed containers and hauled away for reprocessing.

5. Laundry/Dry Cleaning. Laundry and dry cleaning facilities shall install a ground water monitoring well and shall incorporate a lint trap system equivalent to two City of Houston Dwg. 533-S units in series, providing a minimum of 3,000 gallons of capacity. Cleaning of the lint trap is required at least once a month.

6. Landscaping/Nurseries. Landscaping and nurseries that use herbicides and pesticides shall install a ground water monitoring device and shall only discharge domestic waste from sinks and restrooms.

7. Discharge of Waters or Wastes Containing Toxic or Poisonous Substances; Submission of Written Statement. Where the operation of a person, firm, or corporation entails the discharge of water or wastes containing toxic or poisonous substances, a written statement setting forth the nature of the operation contemplated or presently carried on shall be filed with the District. The statement shall specify the amount of water that will be used and its source, the proposed point of discharge of wastes into the Waste Disposal System of the District, and the estimated amount to be discharged; the statement shall include a laboratory statement setting forth the expected bacterial, physical, chemical, and other known characteristics of said wastes. Within thirty (30) days from receipt of such statement, the District shall issue an order stating minimum restrictions necessary in the judgment of the District's Engineer to protect the District's systems.

B. Where pretreatment or control is required by the District, it shall review and approve the design and installation of the equipment and processes in conformity with all applicable laws and regulatory requirements. Any person responsible for discharges requiring such pretreatment or control facilities shall provide and maintain such facilities in effective operating conditions.

ARTICLE V.  
TRAPS; INTERCEPTORS

A. Grease, oil, and sand interceptors shall be provided for the proper handling of liquid wastes containing grease in amounts that will impair the proper functioning of any sanitary sewer line and for preventing any flammable wastes, sand, and other harmful ingredients from entering into the sanitary sewers. Interceptors shall not be required for premises used exclusively as private living quarters or dwelling units. All interceptors shall be of a type and capacity approved by the District and shall be located as to be readily and easily accessible for cleaning and inspection. The Engineer and Operator shall review all plans for commercial establishments and determine when interceptors should be required and where they should be placed.

B. Grease and oil interceptors shall be constructed of impervious materials capable of withstanding abrupt and extreme changes in temperature. They shall be of substantial construction, watertight, and equipped with easily removable covers which when bolted in place shall be gas-tight and watertight. Where installed, all grease, oil, and sand interceptors shall be maintained by the owner, at his expense, in continuously efficient operation at all times. Any facility with a mud and grease trap or grease trap or pretreatment system shall be required to remove grease, grit, sludge, or other residue at least once a month and shall maintain records at the site of the date, time, name of hauler, volume removed, destination, waste hauling permit number, and a copy of a hauler's manifest. Records shall be available for inspection by District's representatives during normal working hours. A facility not complying shall be subject to having water service terminated until the facility is brought into compliance. The District's Operator will inspect the traps quarterly and will take quarterly samples and flow measurements from the sampling wells. The cost for inspections and lab analysis will be billed to the owner of the property at the rates set forth in the District's Rate Order.

ARTICLE VI.  
SAMPLING; TESTING; INSPECTION; RIGHT OF ENTRY

A. Control Manholes: Installation, Location, and Maintenance. The owner of any property served by a sewer carrying Commercial Waste shall install a suitable control manhole in the sewer to facilitate observation, sampling, and measurement of the wastes. Such manhole shall be accessible and safely located and shall be constructed in accordance with plans approved by the District Engineer. The manhole shall be installed by the owner at his expense and shall be maintained by him so as to be safe and accessible at all times.

B. Owners of property served by a sewer carrying Commercial Waste and required to install a suitable manhole pursuant to this Article VI hereof and receiving water and sanitary sewer service from the District on the initial effective date of this Wastewater

Control Order shall have 180 days from the initial effective date to install a suitable control manhole. Failure to install the manhole within 180 days as described herein shall result in the termination of water and sewer service to the property. All new connections served by a sewer carrying Commercial Waste shall have a suitable control manhole installed prior to receiving water and sewer service from the District.

C. Sampling/Testing. The District or its duly authorized agent or representative may enter at all reasonable times any lands or premises served or proposed to be served by the Waste Disposal System for the purposes of carrying out and determining compliance with the provisions hereof.

D. After the effective date hereof and upon completion of the installation of a suitable control manhole pursuant to ARTICLE VI(A) hereof, the Operator for the District shall conduct an initial test which shall consist of a minimum of one (1) grab sample and a maximum of three (3) grab samples, as determined by the District's Operator, from the control manhole of all sewers carrying Commercial Waste. If the results of the grab samples indicate that the waste being discharged into the Waste Disposal System is in accordance with this Wastewater Control Order, testing shall then be conducted on a periodic basis.

E. In the event the grab samples indicate that the waste being discharged into the Waste Disposal System is in violation of this Wastewater Control Order, then the owner of the property shall be notified and shall be required to submit a plan for the satisfactory correction of the violation in accordance with Subsection C of this ARTICLE, unless the violation presents an imminent danger to the health or welfare of the public, then service shall be terminated in accordance with Article IX hereof. The cost for all additional testing conducted as a result of the violation shall be billed to the commercial Customer, and failure to pay such cost will result in the termination of water and sewer service.

F. Sampling and testing shall be conducted on connections carrying Commercial Waste in accordance with customarily accepted methods, reflecting the effects of constituent wastes upon the Waste Disposal System and the existence of hazards to health, life, limb, or property. Examination and analysis of the characteristics of water and waste shall be conducted in accordance with Standard Methods or such other manual of operation as the District may adopt from time to time in accordance with the latest rules of the Texas Commission on Environmental Quality and shall be determined from suitable samples taken at control points selected by the District. The cost to take and analyze such samples shall be added to the Customer's water and sewer service bill, and failure to pay for such sample will result in the termination of the Customer's water and sewer service.

G. Notification of Violation/Submission of Plan. Whenever the District finds that any Customer has violated or is violating this Wastewater Control Order, except when such violation presents an imminent danger to the health or welfare of persons, as provided in

Article IX, the District shall serve upon such person a written notice stating the nature of the violation. Within a period of not more than thirty (30) days from the date of the notice, as specified therein, a plan for satisfactory correction thereof shall be submitted in writing to the District. If such a plan is not timely submitted, or if such violation is not corrected, the District shall proceed with enforcement under Article XII. No prior notice shall be required for the imposition of the fine described in Article XI if such fine is assessed for a violation of this Wastewater Control Order.

ARTICLE VII.  
SUPERVISION

If the District or its designated representative determines that a discharge or a proposed discharge into the Waste Disposal System may deleteriously affect the Waste Disposal System or receiving waters, or create a hazard to life or health, or create a public nuisance, it may require:

- A. Discontinuation of the discharge into the District's sewer system in its entirety.
- B. Pretreatment to an acceptable condition for discharge into the Waste Disposal System.
- C. Control over the quantities and rates of discharge.
- D. Waste surcharge payments sufficient to compensate the District for the cost of handling and treating the waste.

ARTICLE VIII.  
COMMERCIAL WASTE CHARGES

In addition to the wastewater service charges made by the District, the District may charge customers discharging commercial waste into the Waste Disposal System the Commercial Waste Charges provided for herein where the waste discharge exceeds the parameters of normal domestic wastewater.

The Commercial Waste Charge shall be calculated by the following formula:

$$UC = Q[X + Y(\text{BOD} - 200) + Z(\text{SS} - 200) + n(N-35)]$$

Formula values are:

UC	=	Commercial Waste Charge (in dollars)
Q	=	Billable quantity (based on water billed or actual measurement of Wastewater discharged) of wastewater in thousands of gallons.
X	=	\$0.50
Y	=	\$0.0018
Z	=	\$0.0022
n	=	\$0.0125
BOD	=	Five-day, twenty (20) degrees Celsius, biochemical oxygen demand content of the waste delivered, in mg/1 based on monthly average concentration.
SS	=	Suspended solids content of the waste delivered, in mg/1 based on monthly average concentration.
N	=	Ammonia content of the Waste delivered, in mg/1 based on monthly average concentration.

The District shall review and, if appropriate, adjust the Commercial Waste Charges to reflect changes in the characteristics of the commercial waste of each user based upon the results of sampling and testing. The District also shall review the basis for determining Commercial Waste Charges and shall adjust the unit treatment costs in the above formula to reflect increases or decreases in the wastewater treatment costs based upon the prior experience. Increases in Commercial Waste Charges shall continue for six (6) billing periods unless subsequent tests determine that the charges should be further increased. If another method of billing is determined by the District's Board to be a more effective method of allocating such costs to the Customer, based upon the particular facts of each case, the District may use such method in lieu of the above. The Commercial Waste Charges will be billed as a separate item from wastewater service charges. Failure to pay the Commercial Waste Charge shall result in termination of water and sewer service pursuant to provisions of the District's Order Adopting Consolidated Rate Order and Rules and Regulations; Establishing Drought Contingency Plan; Establishing a Wastewater Service Order; Establishing Certain Other Policies; and Providing Penalties for Violation Thereof.

#### ARTICLE IX.



## EMERGENCY RELIEF

The District may immediately suspend the wastewater treatment service of a user when such suspension is necessary, in the opinion of the Board of the District, in order to stop or prevent an actual or threatened discharge that presents an imminent or substantial endangerment to the health or welfare of persons, to the environment, or to the Waste Disposal System of the District, or which would cause the effluent from the plant to exceed discharge parameters. The District may immediately suspend the wastewater treatment service of a user when such suspension is necessary, in the opinion of the Board of the District, to prevent contamination of sludge from the plant. The District shall reinstate the wastewater service upon proof of the elimination of the non-complying discharge. Such disconnection and reconnection shall be at the expense of the user. The District may permanently disconnect any user showing a history of flagrant or habitual violation of this Wastewater Control Order.

## ARTICLE X. REVIEW

Any user objecting to a decision or order of the District under authority of this Wastewater Control Order shall have the right to a hearing before the Board of the District, at which time the contentions of both the District and user shall be reviewed. The Board President, or in his absence the Vice President, shall be the presiding officer and may, at his discretion, request other professional opinions prior to rendering his decision on the matter of review.

## ARTICLE XI. PENALTY FOR VIOLATION OF ARTICLE

All violations of this Wastewater Control Order, including any failure to observe any discharge parameter set forth herein or permit issued pursuant to these Wastewater Control Order, shall be punishable with the Civil Penalties set forth in and under the Enforcement Provisions of the District's Rate Order and as set forth in Article XII of this Wastewater Control Order. Each day of a violation of any parameter or requirement constitutes a distinct and separate offense.

## ARTICLE XII. ENFORCEMENT

Any or all of the following remedies may be employed by the District to abate and prevent any violation of the provisions of this Wastewater Control Order:

- A. Discontinuance of water service.

B. Disconnection and sealing of sanitary sewer connection.

C. The District's attorney may and is hereby authorized to:

1. File suit in a court of competent jurisdiction to secure appropriate judicial relief, including, but not limited to, injunctive relief and the penalty provided in the District's Rate Order for the violation by such user of the provisions of this Wastewater Control Order.

2. Seek a resolution of the Board authorizing the filing of a lawsuit under the provision of Texas Water Code '26.124.

D. A user found in violation of this Wastewater Control Order shall be liable to the District for all expenses borne by the District including laboratory fees, legal fees, engineering fees and other costs incurred by the District in establishing the violation and resolving the cause of the violation.

E. A user found in violation of this Wastewater Control Order that causes or contributes to a violation by the District's Waste Disposal System of effluent parameters shall be liable to the District for all expenses borne by the District, including legal and engineering fees related to any lawsuit filed by federal, state, or local authorities regarding violations by the District of effluent parameters applicable to the District's sanitary sewer system.

F. Where a user discharges wastewater to the District's Waste Disposal System in violation of this Wastewater Control Order and such discharge causes or contributes to contamination of sludge from the wastewater treatment plant, the user shall be liable for all costs borne by the District in disposing of the contaminated sludge over and above costs regularly incurred in sludge disposal.

### ARTICLE XIII. SEVERABILITY

All orders or parts of orders in conflict herewith are hereby repealed to the extent of such conflict. The invalidity of any ARTICLE, clause, sentence, or provision of this Wastewater Control Order shall not affect the validity of any other part or parts of this Wastewater Control Order, which other part or parts shall be given effect as though such invalid ARTICLE, clause, sentence, or provision were omitted.

ARTICLE XIV.  
SUPERSEDING REGULATION OR STATUTE

Whenever any applicable statute, regulation, or permit of any state, federal, or other agency having jurisdiction over the subject matter of this Wastewater Control Order is in conflict with this Wastewater Control Order, the stricter requirement shall apply, unless mandated otherwise.

ARTICLE XV.  
REIMBURSEMENT TO DISTRICT

In the event that any person, as defined in ARTICLE II herein, discharges industrial wastes as defined in this Wastewater Control Order, either with or without authorization by the District, such person shall be responsible for any extraordinary costs of operation of the wastewater treatment plant that might result from unauthorized wastes or improper handling of authorized wastes and shall also be responsible for any administrative fines, penalties or fees that may be assessed to the District for such discharge. Such charges may include, but not be limited to, the costs of determining the nature of the contaminant into the plant (a Toxicity Identification Evaluation), the costs of locating the source of the contaminant, and the costs of preventing the contaminant from entering the plant or eliminating the contaminant from the treatment units. Failure to pay such costs when billed may subject the entity to disconnection of services as set forth in ARTICLE XII above and to any other remedies available to the District.

ARTICLE XVI.  
EFFECT OF REGULATION; AMENDMENT

The provisions hereof are to be deemed and construed as regulatory requirements supplementary and in addition to all laws, rules, regulations, ordinances, or licenses now in effect or hereafter passed, adopted, or promulgated by any regulatory agency, federal, state, or local, having jurisdiction over the District's Waste Disposal System. The provisions hereof are subject to amendment, repeal, or alteration from time to time by the Board of Directors of the District.